SONY

DATA PROJECTOR

VPL-CS5A
VPL-CS6
VPL-CX6
VPL-EX1

REMOTE CONTROLLER
RM-PJ2
RM-PJM12

SERVICE MANUAL
1st Edition

⚠警告

このマニュアルは，サービス専用です。
お客様が，このマニュアルに記載された設置や保守，点検，修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

⚠WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠ AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

WARNING!!

AN INSULATED TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.
THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY A ⚠ MARK ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION!!

AFIN D’ÉVITER TOUT RISQUE D’ÉLECTROCUTION PROVENANT D’UN CHÂSSIS SOUS TENSION, UN TRANSFORMATEUR D’ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE.
LE CHÂSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ Á L’ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS Á LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MAPQUE ⚠ SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIECES SONT D’UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÈCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY.

For the customers in the Netherlands
Voor de klanten in Nederland

Hoe u de batterijen moet verwijderen, leest u in de tekst van deze handleiding.

Gooi de batterij niet weg maar lever deze in als klein chemisch afval (KCA).

Für Kunden in Deutschland

Entsorgungshinweis: Bitte werfen Sie nur entladene Batterien in die Sammelboxen beim Handel oder den Kommunen. Entladen sind Batterien in der Regel dann, wenn das Gerät abschaltet und signalisiert “Batterie leer” oder nach längerer Gebrauchsdauer der Batterien “nicht mehr einwandfrei funktioniert”. Um sicherzugehen, kleben Sie die Batteriepole z.B. mit einem Klebestreifen ab oder geben Sie die Batterien einzeln in einen Plastikbeutel.

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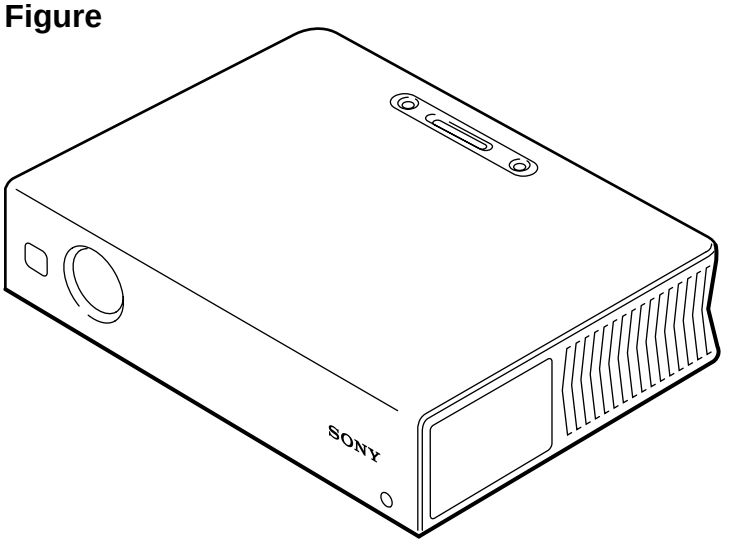
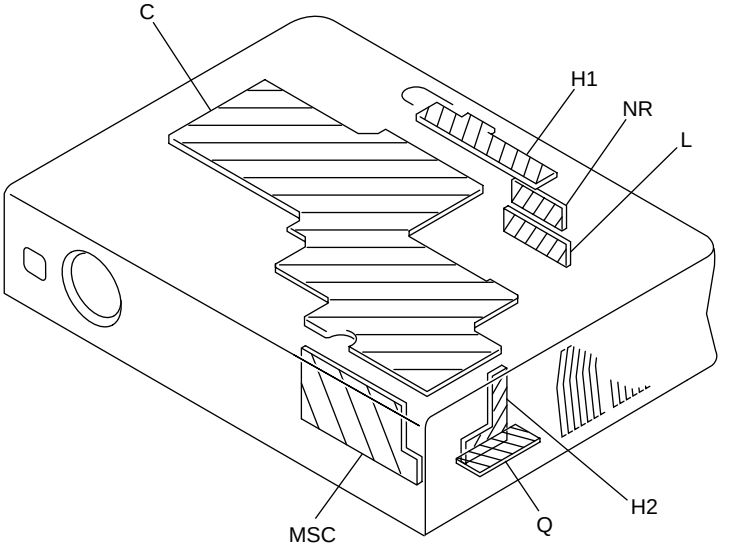
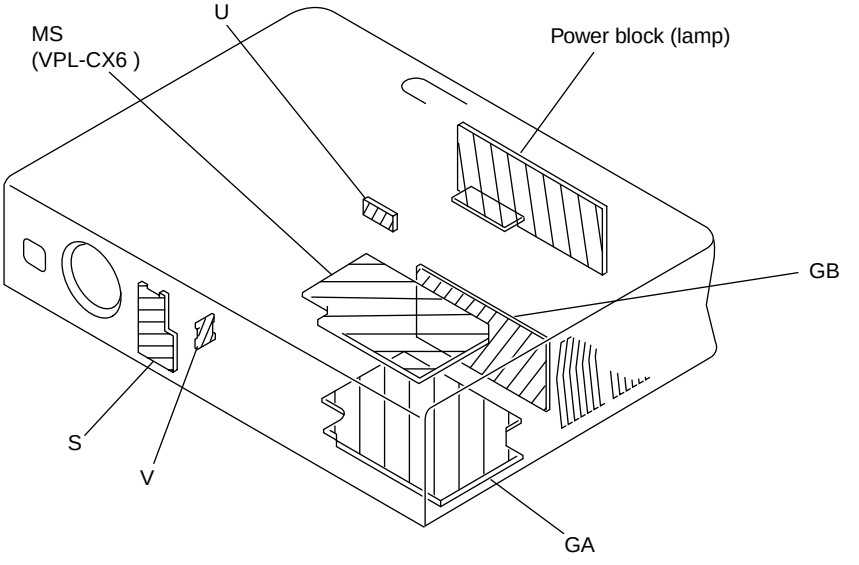
Section 1
Service Overview

1-1. Appearance Figure



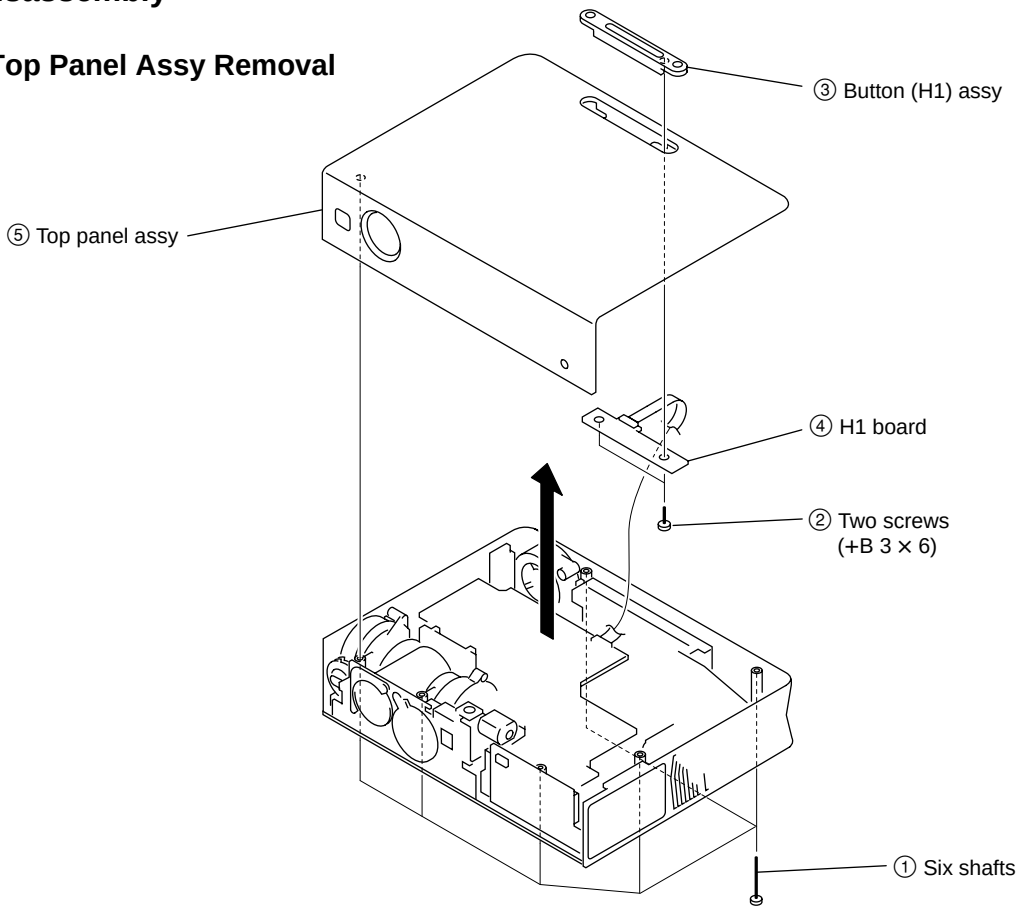
1-2. Board Locations



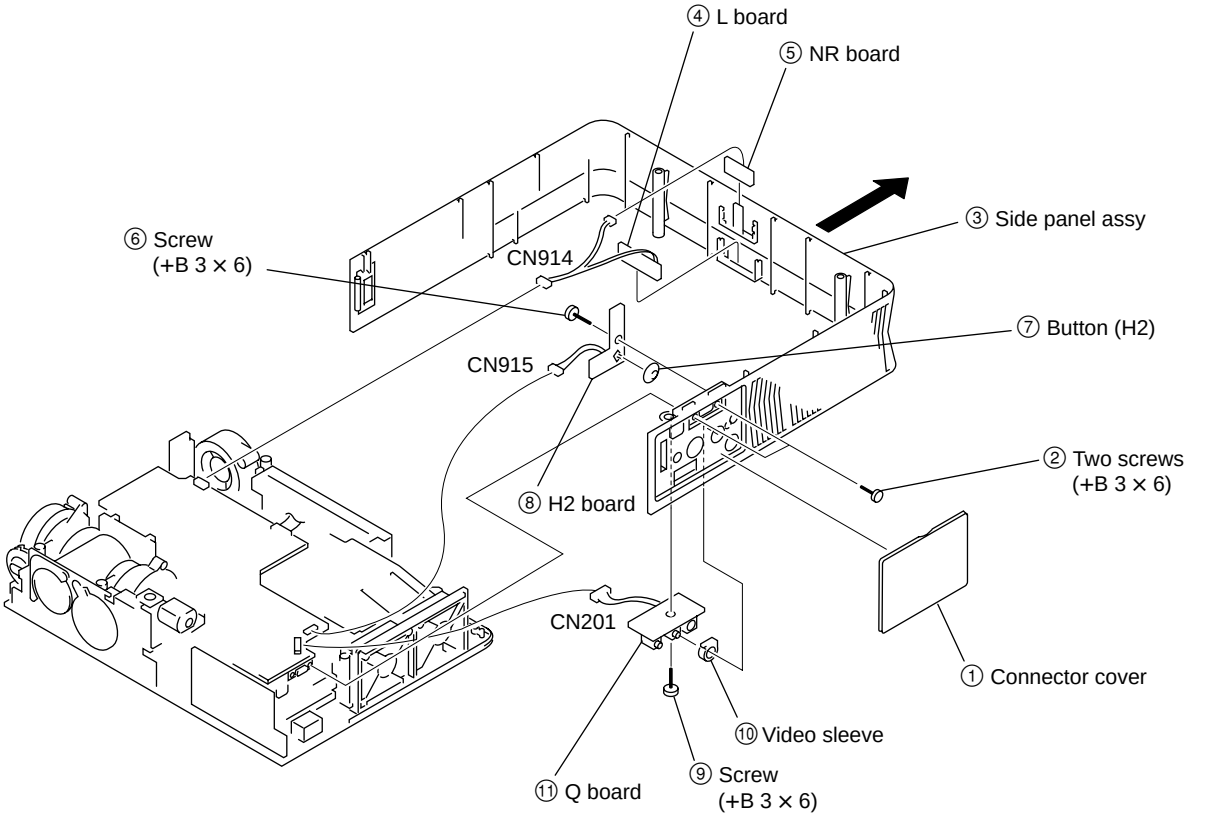


1-3. Disassembly

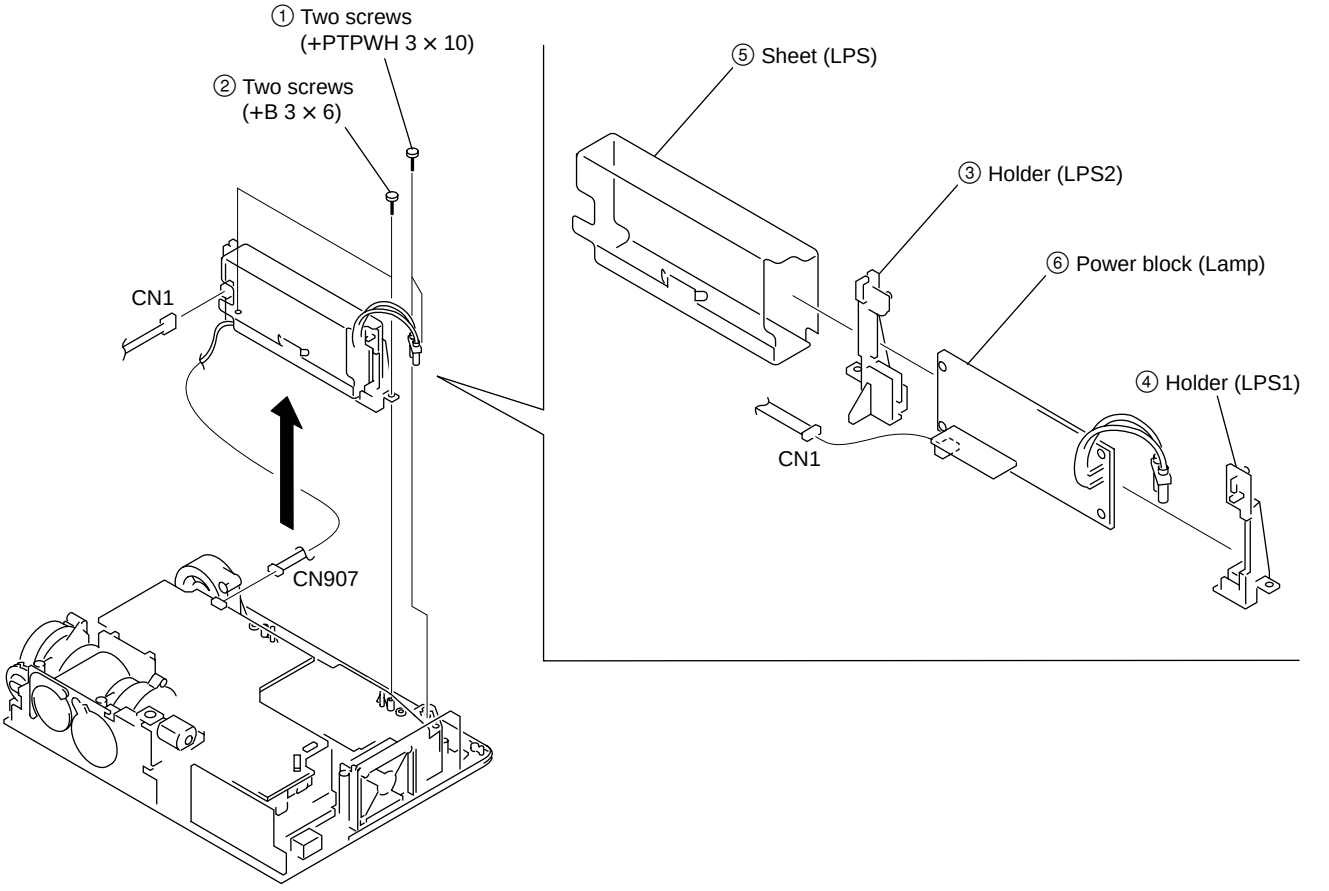
1-3-1. Top Panel Assy Removal



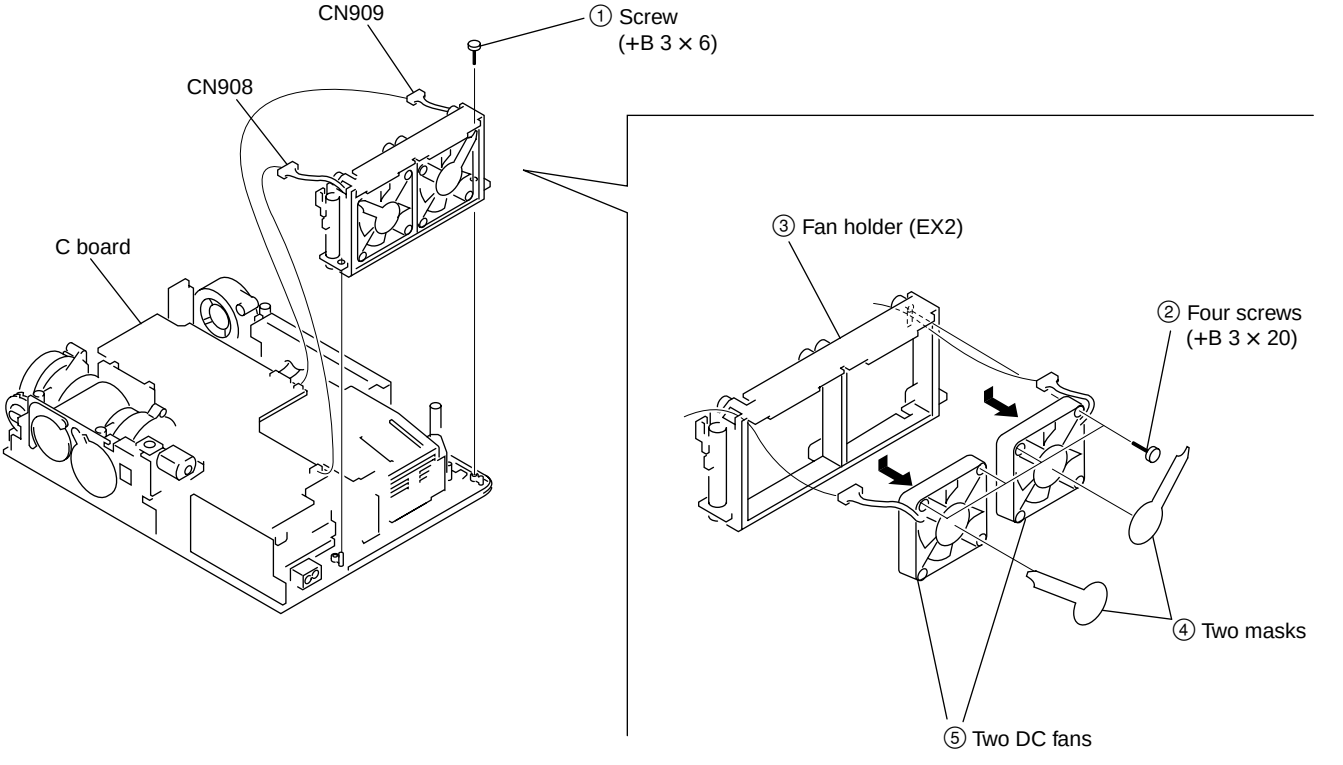
1-3-2. Side Panel Assy and L, NR, H2, Q Boards Removal



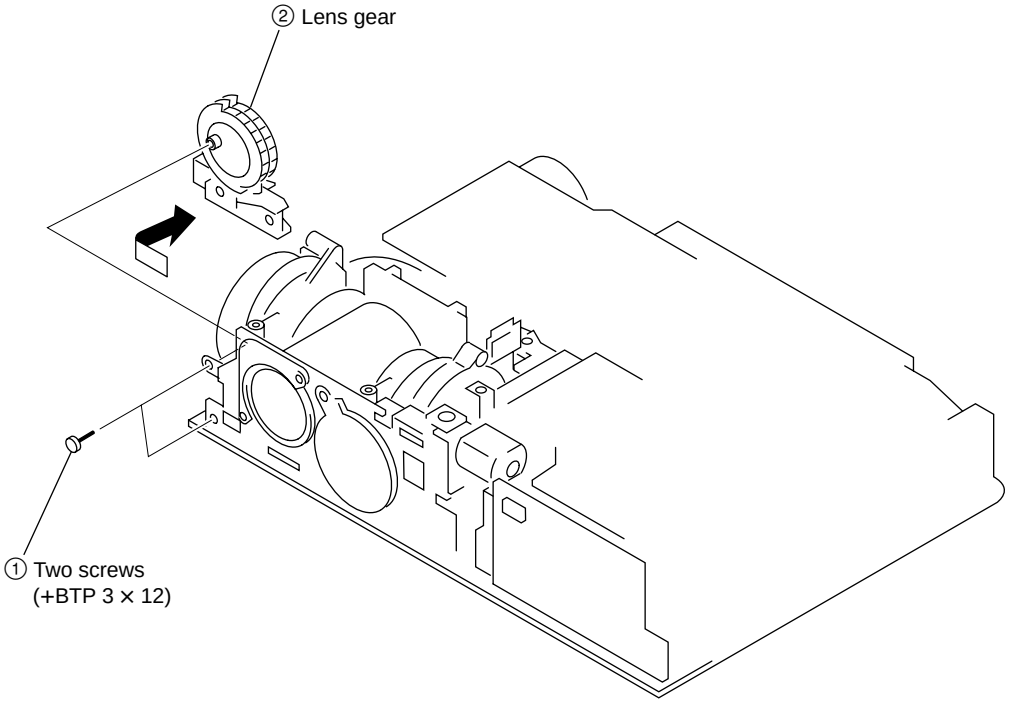
1-3-3. Power Block (Lamp) Removal



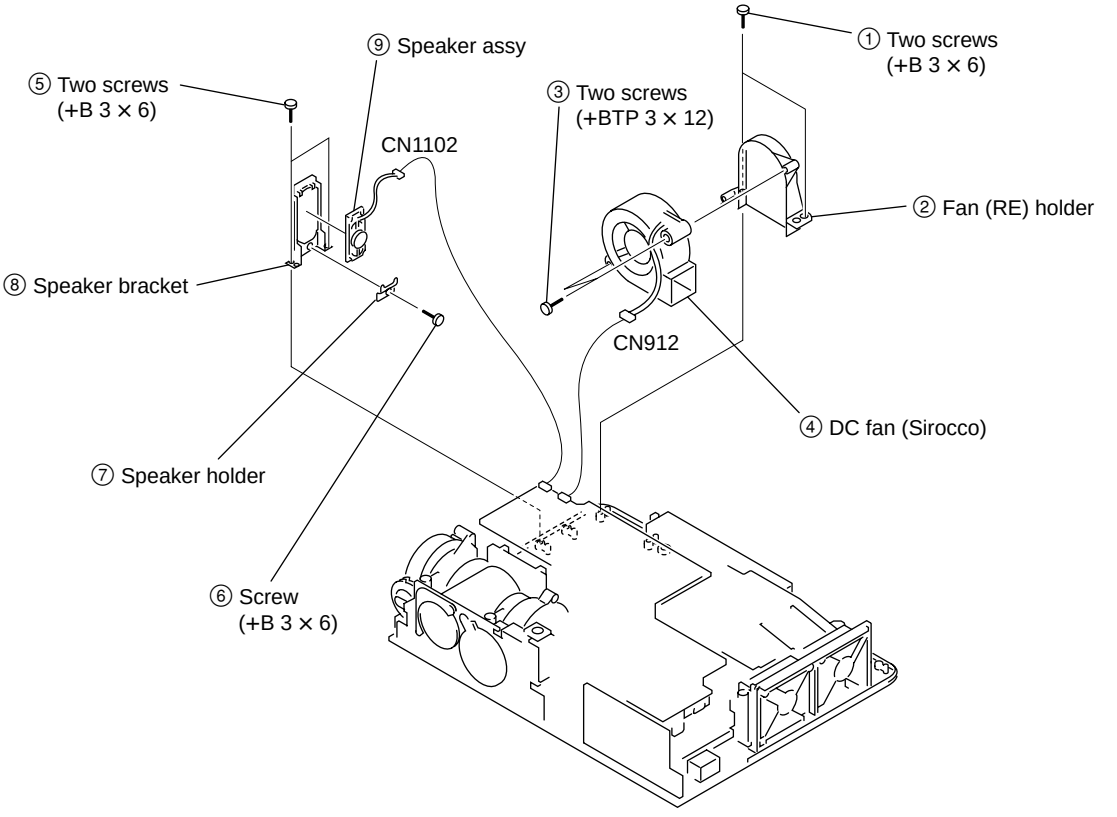
1-3-4. DC Fan Removal



1-3-5. Lens Gear Removal

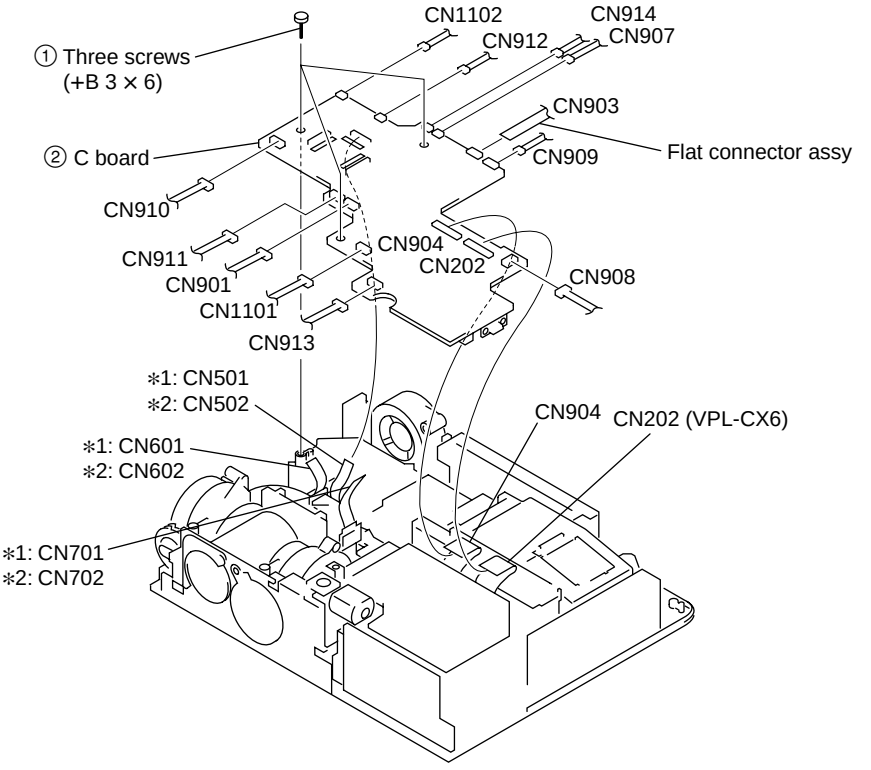


1-3-6. Speaker Assy and DC Fan (Sirocco) Removal



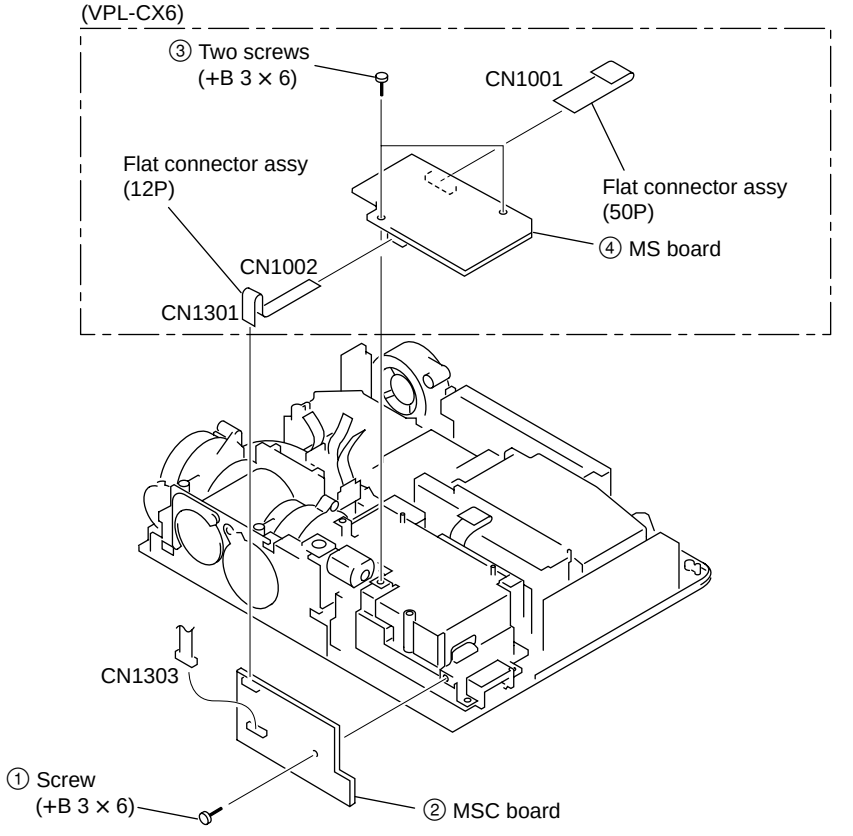
1-3-7. C Board Removal

∗1: Indicates the VPL-CX6/EX1.
∗2: Indicates the VPL-CS5A/CS6.



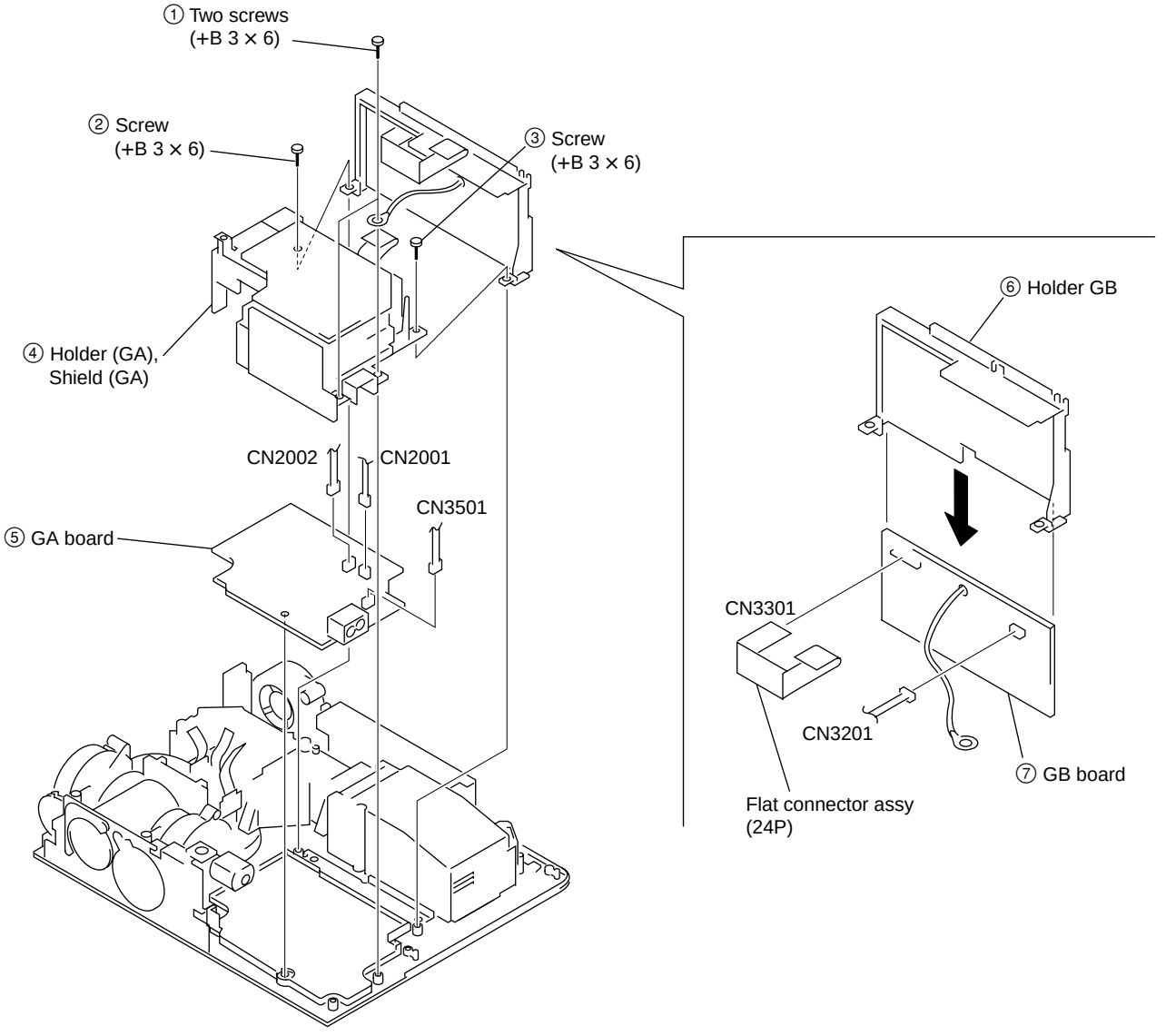
1-3-8. MSC and MS (VPL-CX6) Boards Removal

To remove the MS (VPL-CX6) board, remove the C board beforehand.



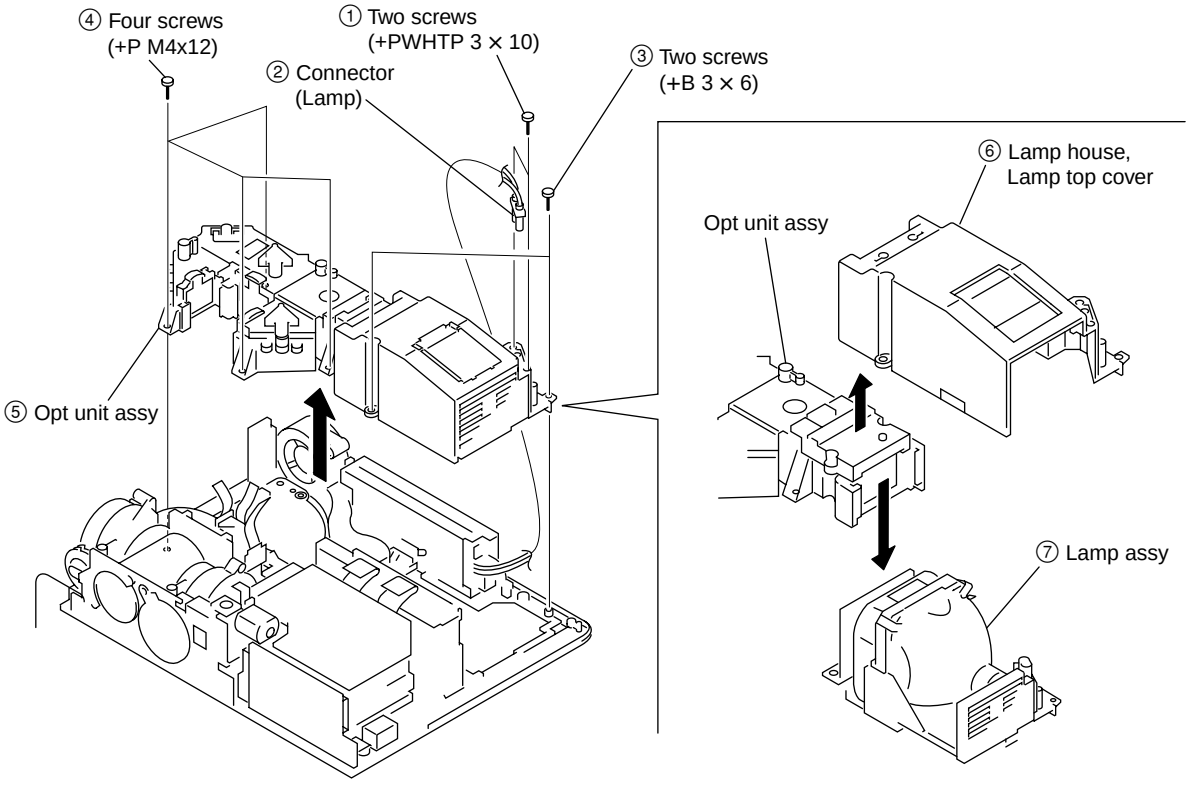
1-3-9. GA and GB Boards Removal

To remove the GA and GB boards, remove the C board beforehand.

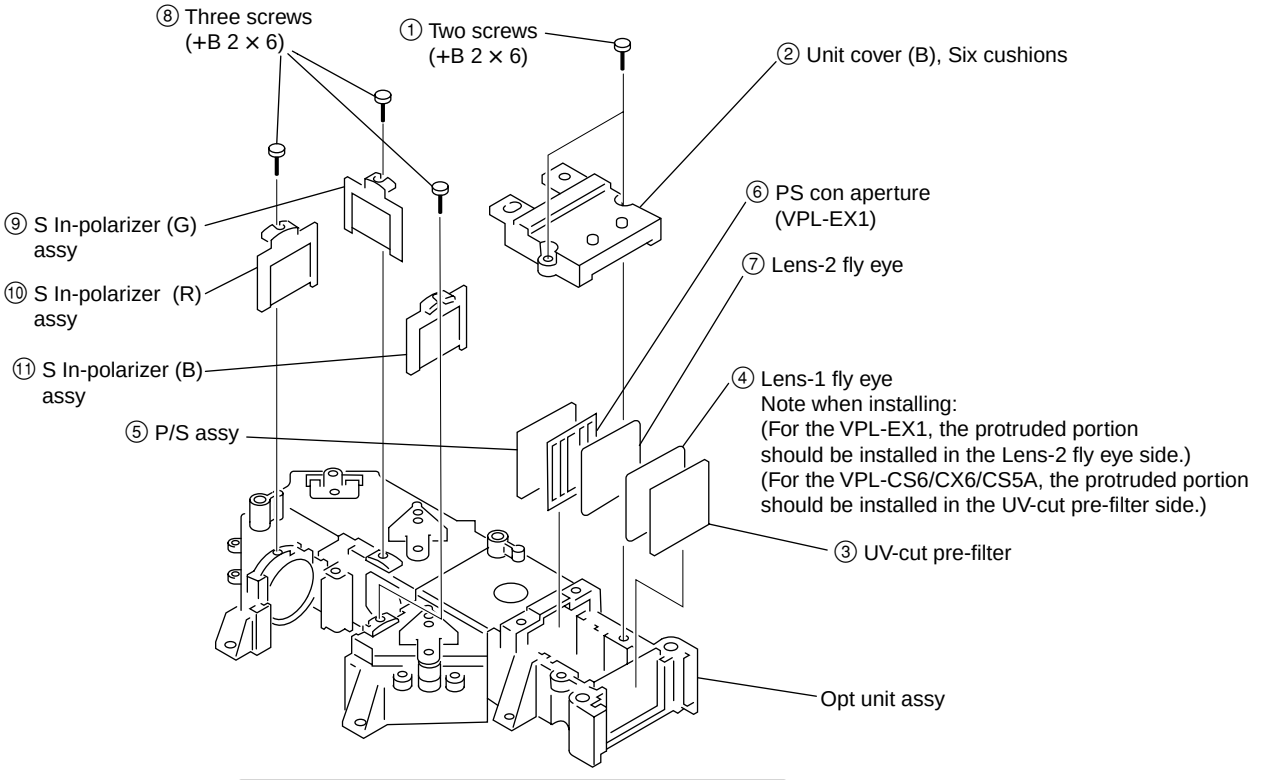


1-3-10. Opt Unit Assy and Lamp Assy Removal

To remove the opt unit assy and lamp assy, remove C board and the DC fan beforehand.



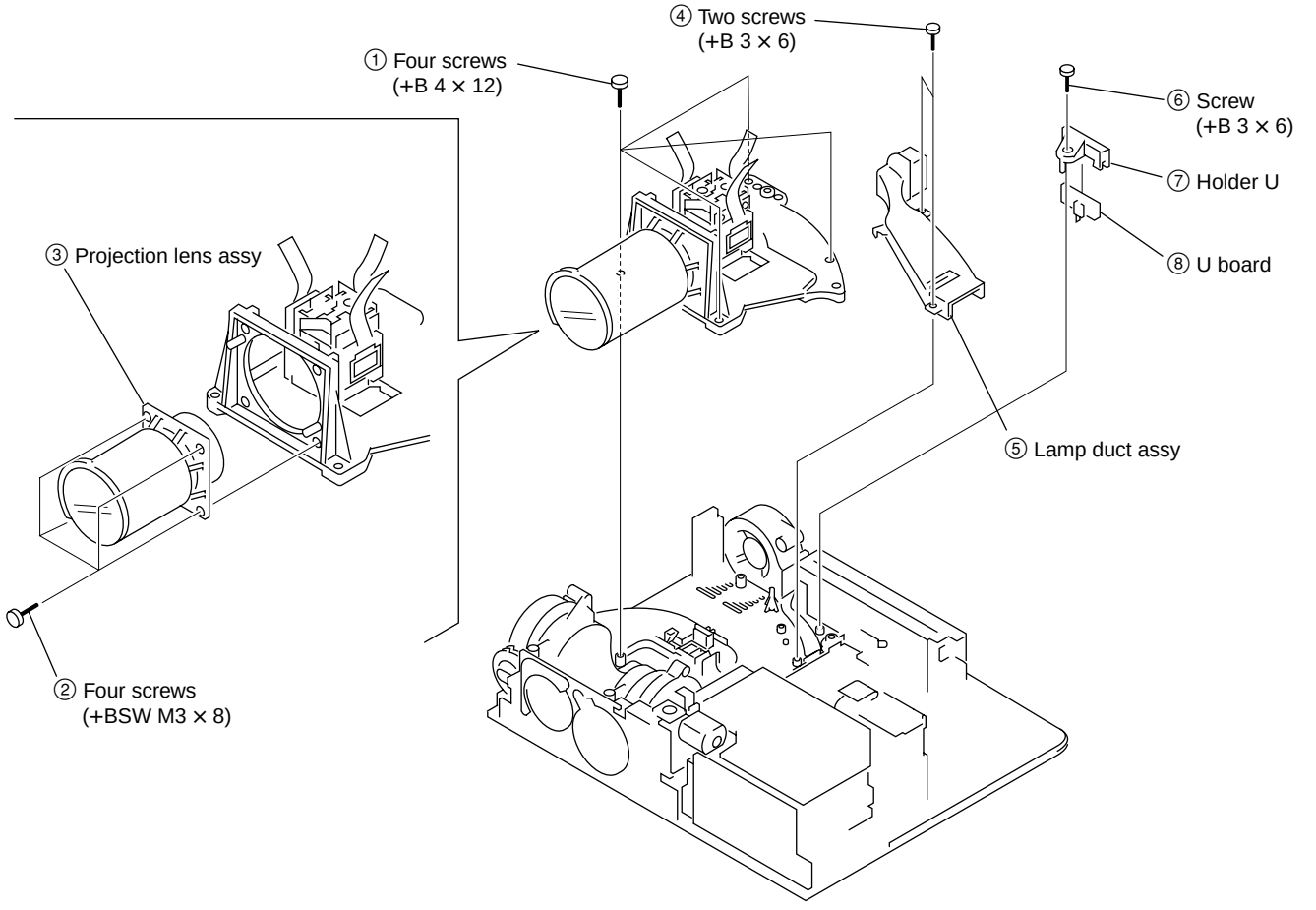
1-3-11. PS Con Aperture (VPL-EX1) and S In-polarizer (R), (G), (B) Removal



Note : Do not disassemble the opt unit unless specified by the above views.

1-3-12. Projection Lens Assy, Lamp Duct Assy and U Board Removal

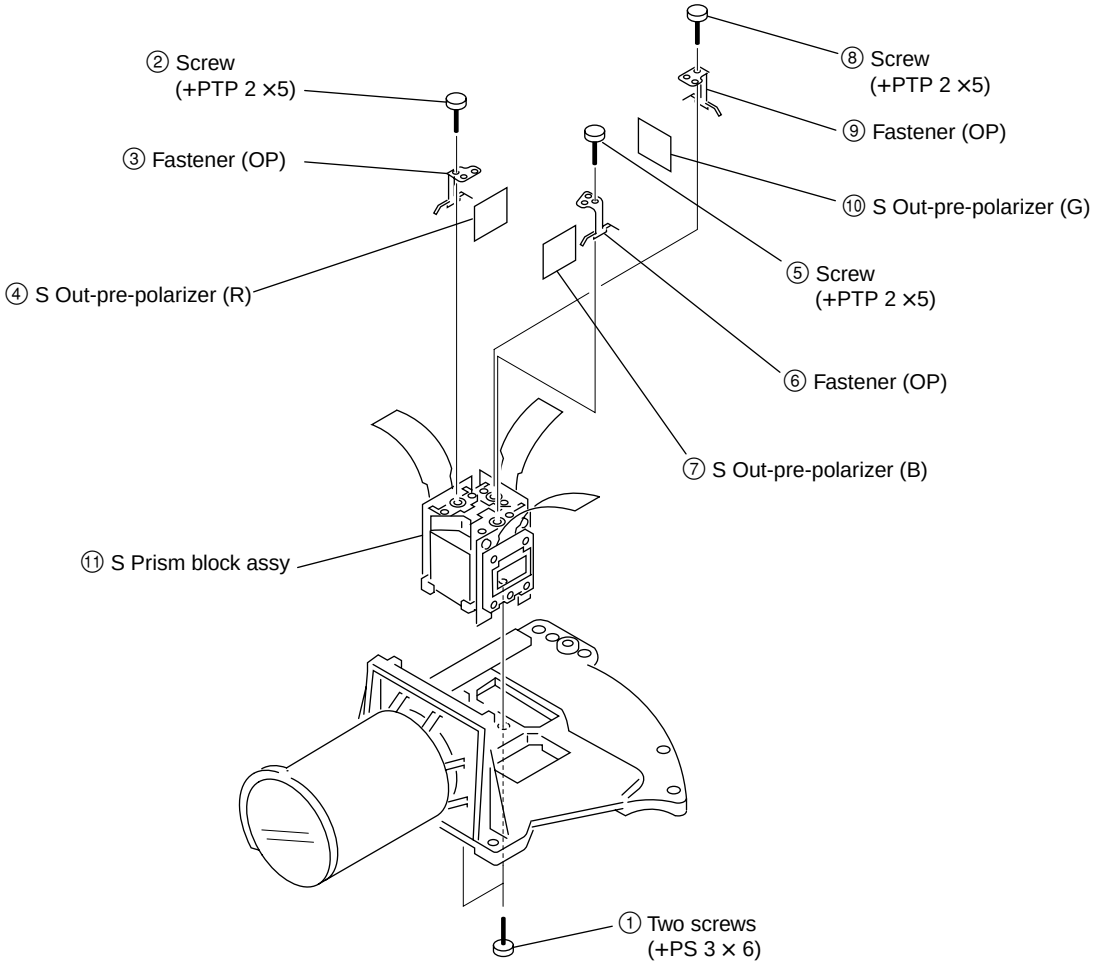
To remove the projection lens assy, lamp duct assy and U board, remove the C board, opt unit assy and lamp assy beforehand.



1-3-13. S Prism Block Assy and S Out-pre-polarizer (R), (G), (B) Removal

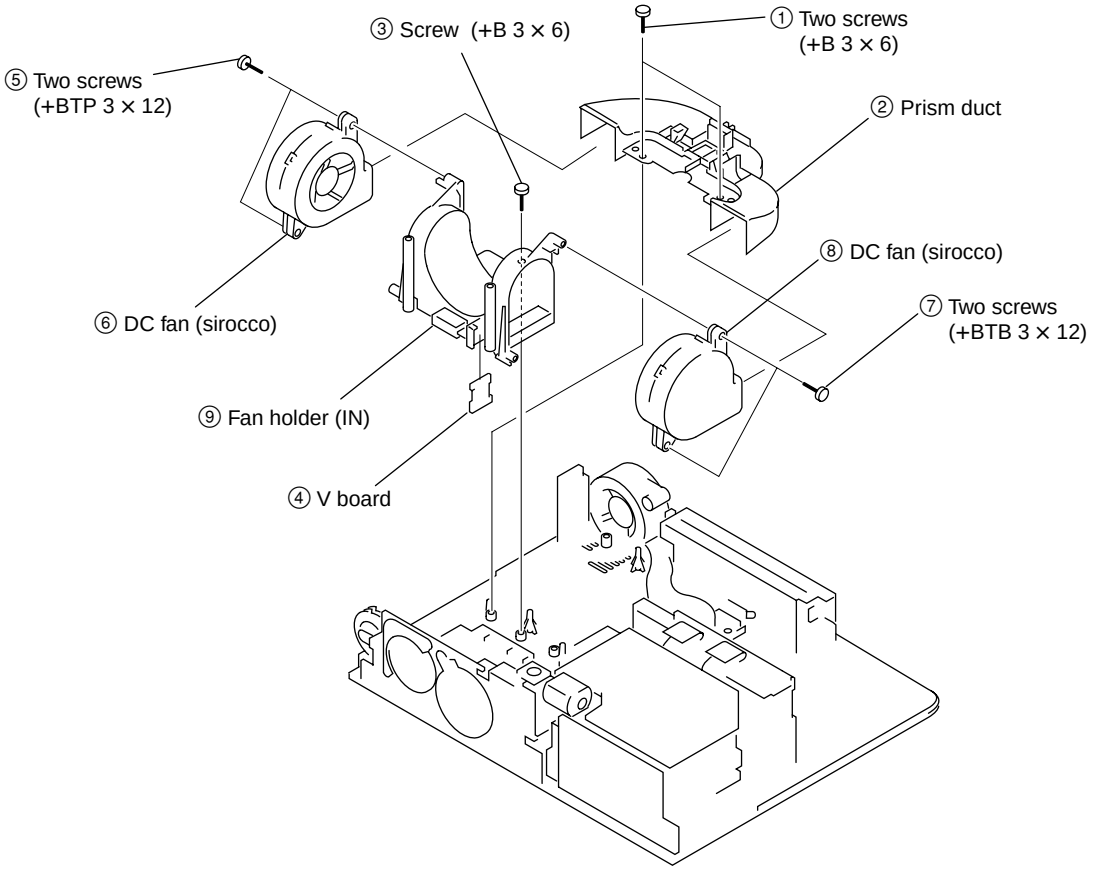
Note

Do not touch the flexible cable, glass surface of S prism and especially the conductor surface of flexible cables.



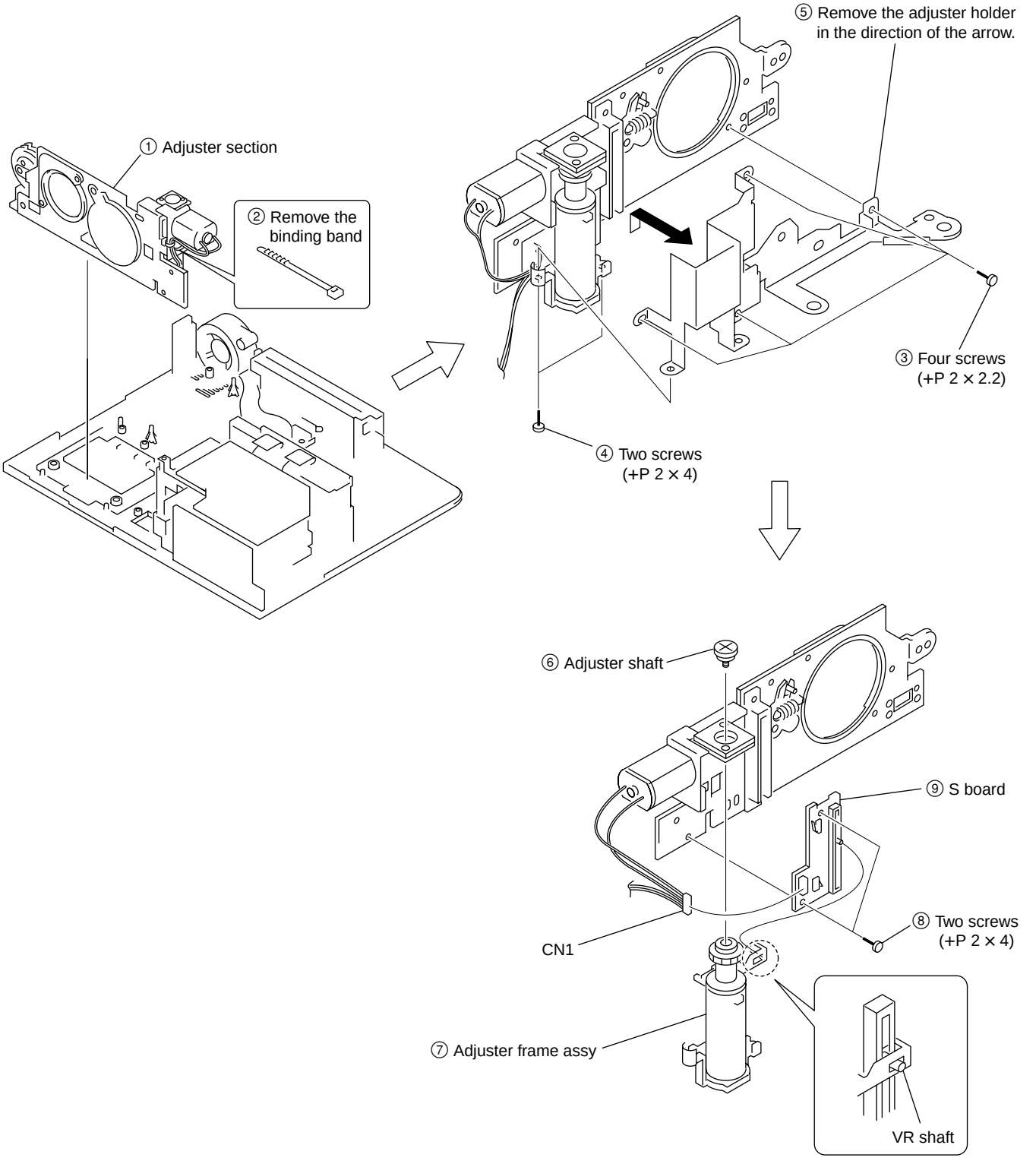
1-3-14. DC Fan (Sirocco) and V Board Removal

To remove the DC fan (sirocco) and V board, remove the C board, opt unit assy, lamp assy and S prism block assy beforehand.



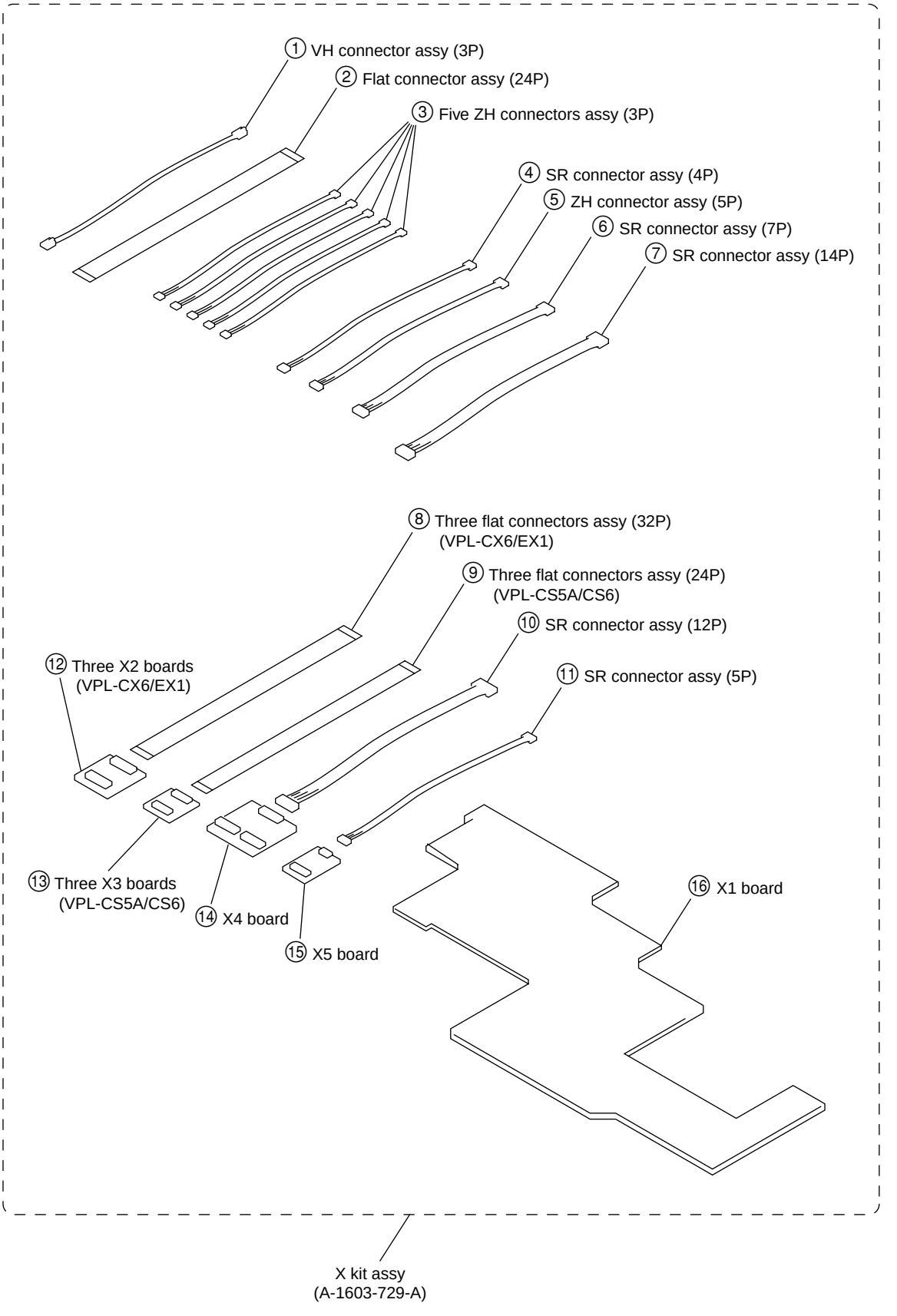
1-3-15. S Board Removal

To remove the S board, remove the C board, opt unit Assy, lamp assy, S prism block assy and DC fan (sirocco) beforehand.



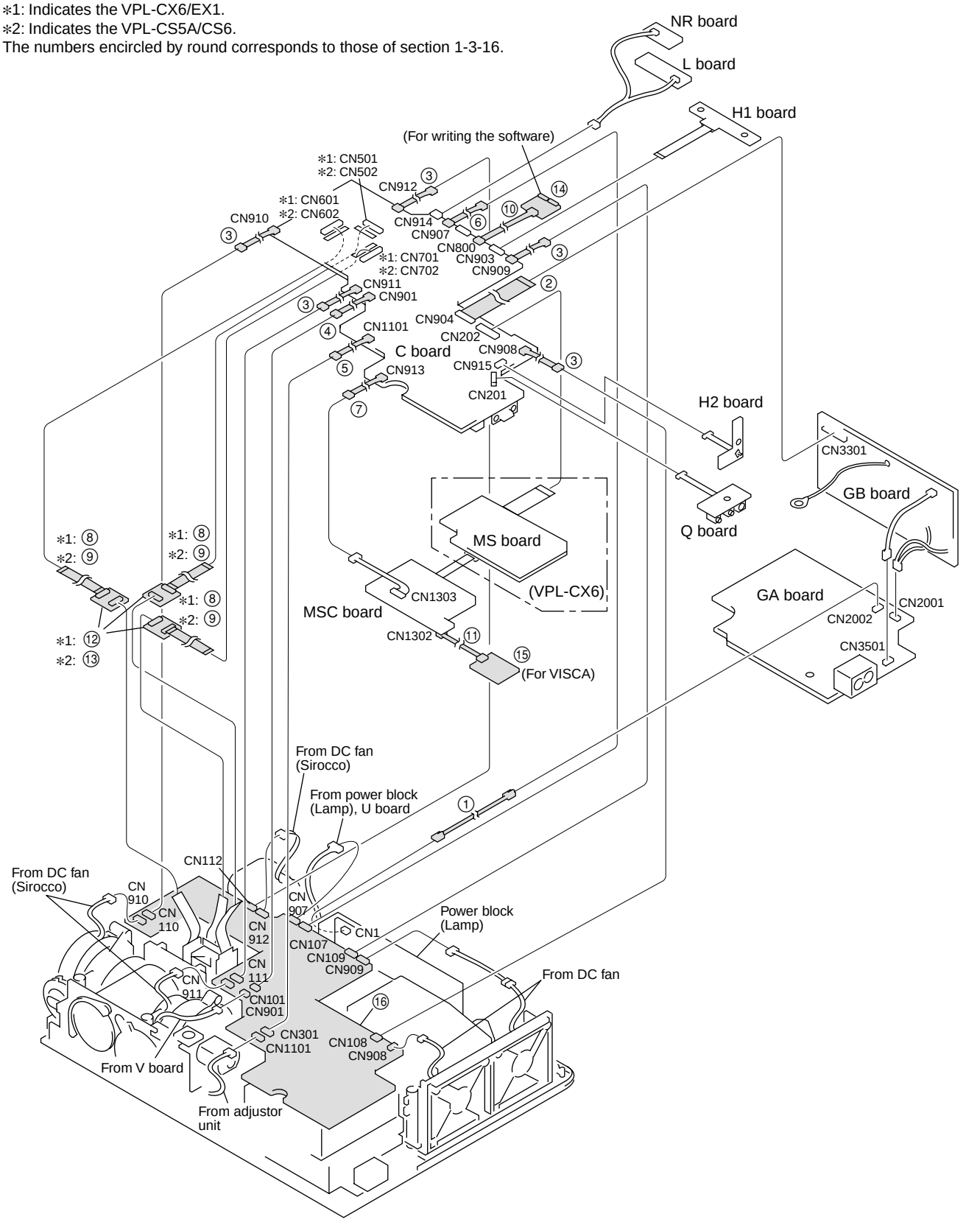
1-3-16. Extension Board and Extension Connectors

The numbers encircled by round corresponds to those of section 1-3-17.



1-3-17. Extension Board and Extension Connectors Connection

∗1: Indicates the VPL-CX6/EX1.
∗2: Indicates the VPL-CS5A/CS6.
The numbers encircled by round corresponds to those of section 1-3-16.



1-3-18. Warning on Power Connection

Use the supplied power cord when you use the projector in your country.
Otherwise, use a proper power cord meeting the following specification.

	The United States, Canada	**Continental Europe, Korrea**	**UK**	**Australia**	**Japan**
Plug type	YP-11	YP-21	SP-61	B8	YP-13
Female end	YC-13L	YC-13L	YC-13L	C7-2	YC-13L
Cord type	SPT-2	H03VVH2-F	H03VVH2-F	H03VVH2-F	VCTFK
Rated Voltage & Current	10 A/125 V	2.5 A/250 V	2.5 A/250 V	2.5 A/250 V	7 A/125 V
Safety approval	UL/CSA	VDE	BS	SAA	DENAN
Cord length (max.)	4.5 m	–	–	–	–

Section 2
Electrical Adjustments

2-1. Preparation

2-1-1. Required Equipment

- Oscilloscope
  Sony Tektronix 2465 or equivalent (350 MHz band width or more)
- NTSC, PAL, SECAM component signal generator
  Sony Tektronix TG2000 + AVG1 (option module) + AWVG1 (option module) or equivalent
- VG (programmable video signal generator)
  VG814 or equivalent
- Digital voltmeter
  Advantest TR6845 or equivalent
- Illuminance meter

Note

Allow the warm-up time of 5 minutes after the power is on before starting the following adjustments.

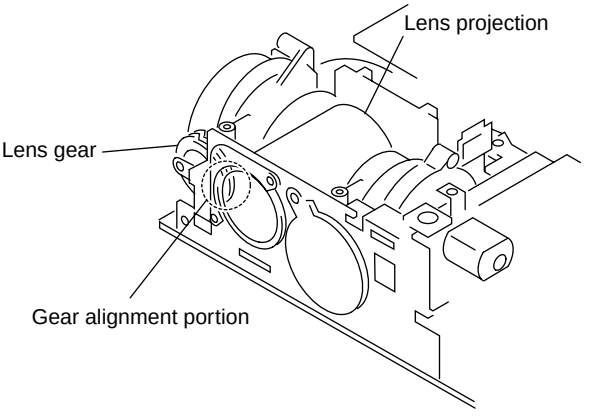
2-1-2. Opt Unit Adjustment

Rotate the cooling fan and turn on the lamps.

(1) Mirror adjustment
Adjust the screen size to 80 inch at the WIDE end.

1. Select the green only mode.
2. Check to see if there is any black zone at the top, bottom, left or right of screen. If there is any black zone on screen, loosen the adjustment plate fixing screw and adjust the G dichroic mirror for minimum black zone.
3. Tighten the adjustment plate fixing screw.
4. Select the cyan only mode.
5. Check to see if there is any black zone at the top, bottom, left or right of screen. If there is any black zone on screen, loosen the adjustment plate fixing screw and adjust the RB mirror adjustment plate for minimum black zone and the blue color is distinguishing.
6. Tighten the adjustment plate fixing screw.
7. Select the all white mode.
8. Check to see if there is any black zone at the top, bottom, left or right of screen. If there is any black zone on screen, loosen the adjustment plate fixing screw and adjust the RB mirror adjustment plate for minimum black zone and the red color is distinguishing.
9. Tighten the adjustment plate fixing screw.
10. Tighten the six adjustment plate fixing screws manually with a torque driver.
    Tightening torque: 0.19 ±0.03 Nm
11. Check to see that the illumination range error is within the tolerable limit.

When installing the optical unit in this model, alignment of the gear tooth position is required. Perform the following steps.



Procedure

1. Rotate the lens focus and zoom in the fully clockwise positions. Lock the lens gear in the direction shown in Fig. 1.

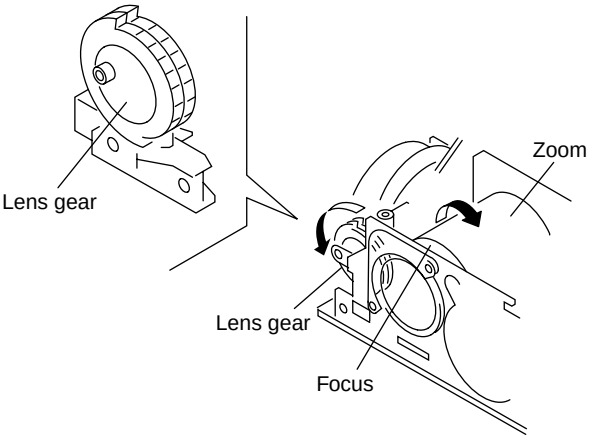


Fig. 1

2. Align the marking position of the lens zoom gear with the protrusion of the lens gear approximately by visual observation as shown below.

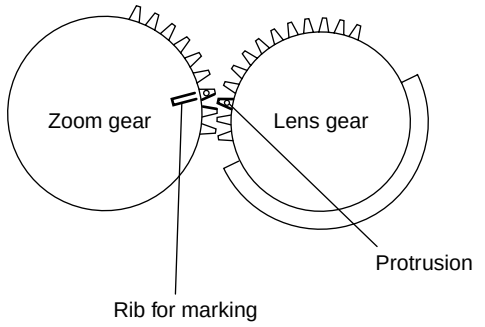
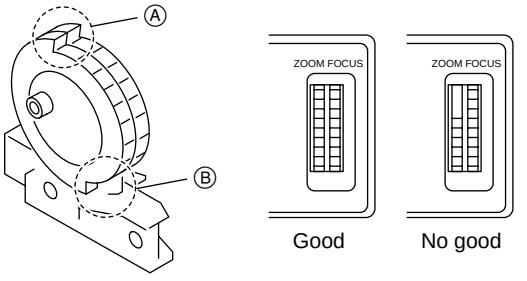


Fig. 2 (inside view)

Confirmation

Install the side panel and confirm that the portions Ⓐ and Ⓑ of the dial cannot be seen from the opening of the side panel when the ZOOM and FOCUS are moved to their very ends.



2-1-3. How to Enter the Factory Mode

1. Confirm that the MENU can be displayed.
2. Close the MENU.
3. Press the keys in the following order : ENTER → ENTER → ← → ENTER.
   The message [Do you want to enter the Factory Mode? Yes : ↑ No : ↓] appears.
   Select [Yes : ↑].

[Supplementary information: How to Exit the Factory Mode]

Perform the step 3 KEY operation.
The message [Do you want to return to the User Mode? Yes : ↑ No : ↓] appears.
Select [Yes : ↑].

Note

In the Factor mode, you can close the lens shutter if you keep pressing the TILT key even though the lamp lights. If the machine is left in this state for long hours, the lens shutter may melt in the worst case. Be sure to confirm that the lens shutter is not closed when the lamp lights in the Factory mode.

2-2. V COM Adjustment

1. Input the green-only, 30 IRE single-line ON/OFF signal to the input connector.
   (VPL-CS5A/CS6: SVGA signal, VPL-CX6/EX1 : XGA signal)
2. Enter the G VCOM adjustment screen of the Device Adjust.
3. Adjust the G VCOM value so that the flicker is minimal.
4. Switch the input signal from green-only to red-only then to blue only single-line ON/OFF signal. In the same way as step 3, adjust the R VCOM and B VCOM values respectively so that the flicker is minimal.
5. Take note of the adjustment values.
6. Set the “Image Flip” to either V or HV.
7. Input the above R/G/B adjustment values.
8. Take note of the adjustment values.
9. Set the “Image Flip” to OFF.

2-3. Initial Values of Adjustment Items

VPL-CS5A/CS6/CX6/EX1

MenuTitle	ItemName	MemoryName														Remark
		Set Memory	Status Memory	Picture Memory								W/B Memory				
				Video		S Video		Input-A		MS		Video		Computer		
				Dynamic	Standard	Dynamic	Standard	Dynamic	Standard	Dynamic	Standard	High	Low	High	Low	
PICTURE SETTING	Picture Mode		Standard													
	Adjust Picture...															
	Contrast			95	80	95	80	95	80	95	80					
	Brightness			40	50	40	50	40	50	40	50					
	Color			50	50	50	50	50	50	-	-					
	Hue			50	50	50	50	-	-	-	-					
	Sharpness			Middle	Middle	Middle	Middle	Middle	Middle	-	-					
	RGB Enhancer			-	-	-	-	20	20	20	20					
	Gamma Mode			-	-	-	-	Graphics	Graphics	Graphics	Graphics					
	Color Temp.			Low	Low	Low	Low	High	High	High	High					
	Volume	30														
INPUT SETTING	Adjust Signal...															
	Dot Phase		15(*1)													
	H Size		(*1)													
	Shift		(*1)													
	Wide Mode			Off	Off	Off	Off	Off	Off	Off	Off					
	Scan Conv							On	On							
SET SETTING	Smart APA	On														
	Auto Input Search	Off														
	Input-A Signal Sel.	Computer														
	Color System	Auto														
	Power Saving	Off														
	IR Reciever	Front & Rear														
	Illumination	On														
MENU SETTING	Status	On														
	Languege	English														
	Menu Position	Center														
	Menu Color	White														
INSTALL SETTING	Tilt...															
	V Keystone	Auto														
	Manual...	0														
	Image Flip	Off														
	Background	Blue														
	Lamp Mode(*2)	Standard														
	High Altitude	Off														
	Security Lock	Off														
	Key	Enter x 4														

(VPL-CS5A/CS6/CX6/EX1)

MenuTitle	ItemName	MemoryName														Remark
		Set Memory	Status Memory	Picture Memory								W/B Memory				
				Video		S Video		Input-A		MS		Video		Computer		
				Dynamic	Standard	Dynamic	Standard	Dynamic	Standard	Dynamic	Standard	High	Low	High	Low	
INFORMATION	fH	Display only														
	fV	Display only														
	(Memory No.)	Display only														
	(Resolution)	Display only														
	Lamp Timer	Display only														
	ROM Version	Display only														
	SC ROM Version	Display only														
	Operation Timer	Display only														
	Prev. Lamp Timer	Display only														
W/B SETTING	Gain R											182	182	160	160	
	G											182	150	160	140	
	B											182	160	160	150	
	Bias R											85	85	85	85	
	G											85	85	85	85	
	B											85	85	85	85	

*1 The "Dot Phase E,H Size,Shift H/V and Picture Mode" items in the "INPUT SETTING" menu have their respective initial values for each input signal(PRESET MEMORY No.).
*2 VPL-CS5A is not indicated.
There are some adjustment items that cannot be adjusted, depending on the input signal.

VPL-CS5A/CS6

DeviceName	ItemName		MemoryName											Remark
			Set Memory	Status Memory	Chroma Memory				Channel Memory				Image Flip Memory		
					NT358/ NT443 /BW60	Pal/Pal-M/N/ Secam/BW50	15kRGB	Component (15k)	Video	S Video	Input-A	MS	Up/Down inversion is possible.	Up/Down inversion is impossible.	
A/D Converter	ADC/	Clamp Position		8											
		Clamp Width		20											
		R Gain(Other)							-	-	100				
		R Gain(Component)							-	-	-				
		R Gain(VideoGBR)							-	-	-				
		G Gain(Other)							-	-	100				
		G Gain(Component)							-	-	-				
		G Gain(VideoGBR)							-	-	-				
		B Gain(Other)							-	-	100				
		B Gain(Component)							-	-	-				
		B Gain(VideoGBR)							-	-	-				
		R Offset(Other)							-	-	128				
		R Offset(Component)							-	-	-				
		R Offset(VideoGBR)							-	-	-				
		G Offset(Other)							-	-	128				
		G Offset(Component)							-	-	-				
		G Offset(VideoGBR)							-	-	-				
		B Offset(Other)							-	-	128				
		B Offset(Component)							-	-	-				
		B Offset(VideoGBR)							-	-	-				
		Sync Sep Th	32												
		Pre Coast		2											
		Post Coast		8											
Chroma/D.Comb	Chroma/	Ch1 Gain							20	20	144				
		Ch2 Gain							144	16	160				
		Video Brt			140	124	128	128							
		Video Cont			64	64	64	64							
		Sub Color			56	56	56	56							
		LCBW							0	0	0				
		Y-DeLay	*												
		Ch3 Gain							144	144	160				
		Ch4 Gain							144	144	160				
		YUV Brt			128	128	128	128							
		YUV Cont			64	64	64	64							
		AOSL	-												
		1E	Display only												
		1F	Display only												

(VPL-CS5A/CS6)

DeviceName	ItemName		MemoryName												Remark
			Set Memory	Status Memory	Chroma Memory				Channel Memory				Image Flip Memory		
					NT358/ NT443 /BW60	Pal/Pal-M/N/ Secam/BW50	15kRGB	Component (15k)	Video	S Video	Input-A	MS	Up/Down inversion is possible.	Up/Down inversion is impossible.	
Panel Driver	P.Drv	Offset R											214	214	
		Offset G											214	214	
		Offset B											214	214	
		V Common R											55	55	
		V Common G											55	55	
		V Common B											55	55	
		Psig 1	58												
		Psig 2	130												
		Signal Center	193												
		Gain R	166												
		Gain G	166												
		Gain B	166												
		DCFB Off	1												
	Sample Hold/	SH1	7												
	Other/	V Com Ptn Enb	Adj. Not possible												
		Installation	0												
Other	3D Gamma	Sub Cont	0												
		Sub Brt	0												
		R Osd Lvl	31												
		G Osd Lvl	31												
		B Osd Lvl	31												
		Through	0												
		SW	1												
		APC Thres	25												
		APC Limit	32												
	Other/	V Start	22												
		H Start(MSB)	104												
		H Start(LSB)	0												
		H Position	33												
		HST Position	9												
		HST Phase	3												
		Temp Lamp	Adj. Not possible												
		Temp Panel	Adj. Not possible												
		Fan1 H											Adj. Not possible	Adj. Not possible	
		Fan1 L											Adj. Not possible	Adj. Not possible	
		Fan2 H											Adj. Not possible	Adj. Not possible	
		Fan2 L											Adj. Not possible	Adj. Not possible	
		Fan3 H											Adj. Not possible	Adj. Not possible	
		Fan3 L											Adj. Not possible	Adj. Not possible	
		Synchronous	0												
		Tilt C0	0												
		Tilt C1	10000												
		Tilt C2	-10000												
		X Tilt	Display only												
		Y Tilt	Display only												
		TL	Display only												
		TP	Display only												
Gamma			Factory adj. Value												

There are some adjustment items that cannot be adjusted, depending on the input signal.
*: The value changes depending on the color systems and input terminals.

VPL-CX6

DeviceName	ItemName		MemoryName											Remark
			Set Memory	Status Memory	Chroma Memory				Channel Memory				Image Flip Memory		
					NT358/ NT443 /BW60	Pal/Pal-M/N/ Secam/BW50	15kRGB	Component (15k)	Video	S Video	Input-A	MS	Up/Down inversion is possible.	Up/Down inversion is impossible.	
A/D Converter	ADC/	Clamp Position		8											
		Clamp Width		20											
		R Gain(Other)							-	-	100	-			
		R Gain(Component)							-	-	-	-			
		R Gain(VideoGBR)							-	-	-	-			
		G Gain(Other)							-	-	100	-			
		G Gain(Component)							-	-	-	-			
		G Gain(VideoGBR)							-	-	-	-			
		B Gain(Other)							-	-	100	-			
		B Gain(Component)							-	-	-	-			
		B Gain(VideoGBR)							-	-	-	-			
		R Offset(Other)							-	-	128	-			
		R Offset(Component)							-	-	-	-			
		R Offset(VideoGBR)							-	-	-	-			
		G Offset(Other)							-	-	128	-			
		G Offset(Component)							-	-	-	-			
		G Offset(VideoGBR)							-	-	-	-			
		B Offset(Other)							-	-	128	-			
		B Offset(Component)							-	-	-	-			
		B Offset(VideoGBR)							-	-	-	-			
		Sync Sep Th	32												
		Pre Coast		2											
		Post Coast		8											
Chroma/D.Comb	Chroma/	Ch1 Gain							20	20	144	144			
		Ch2 Gain							144	16	160	160			
		Video Brt			140	124	128	128							
		Video Cont			64	64	64	64							
		Sub Color			56	56	56	56							
		LCBW							0	0	0	0			
		Y-DeLay	*												
		Ch3 Gain							144	144	160	160			
		Ch4 Gain							144	144	160	160			
		YUV Brt			128	128	128	128							
		YUV Cont			64	64	64	64							
		AOSL	-												
		1E	Display only												
		1F	Display only												

(VPL-CX6)

DeviceName	ItemName		MemoryName												Remark
			Set Memory	Status Memory	Chroma Memory				Channel Memory				Image Flip Memory		
					NT358/ NT443 /BW60	Pal/Pal-M/N/ Secam/BW50	15kRGB	Component (15k)	Video	S Video	Input-A	MS	Up/Down inversion is possible.	Up/Down inversion is impossible.	
Panel Driver	P.Drv	Offset R											211	211	
		Offset G											211	211	
		Offset B											211	211	
		V Common R											65	65	
		V Common G											65	65	
		V Common B											65	65	
		Psig 1	138												
		Psig 2	53												
		Signal Center	196												
		Gain R	161												
		Gain G	161												
		Gain B	161												
		DCFB Off	1												
	Sample Hc	SH1	8												
	Other/	V Com Ptn Enb	Adj. Not possible												
		Installation	0												
	3D Gamma	Sub Cont	0												
		Sub Brt	0												
		R Osd Lvl	31												
		G Osd Lvl	31												
		B Osd Lvl	31												
		Through	0												
		SW	1												
		APC Thres	25												
		APC Limit	32												
	Other/	V Start	22												
		H Start(MSB)	144												
		H Start(LSB)	1												
		H Position	11												
		HST Position	9												
		HST Phase	6												
		Temp Lamp	Adj. Not possible												
		Temp Panel	Adj. Not possible												
		Fan1 H											Adj. Not possible	Adj. Not possible	
		Fan1 L											Adj. Not possible	Adj. Not possible	
		Fan2 H											Adj. Not possible	Adj. Not possible	
		Fan2 L											Adj. Not possible	Adj. Not possible	
		Fan3 H											Adj. Not possible	Adj. Not possible	
		Fan3 L											Adj. Not possible	Adj. Not possible	
		Synchronous	0												
		Tilt C0	0												
		Tilt C1	10000												
		Tilt C2	-10000												
		X Tilt	Display only												
		Y Tilt	Display only												
		TL	Display only												
		TP	Display only												
Gamma			Factory adj. Value												

There are some adjustment items that cannot be adjusted, depending on the input signal.
*: The value changes depending on the color systems and input terminals.

VPL-EX1

DeviceName	ItemName		MemoryName											Remark
			Set Memory	Status Memory	Chroma Memory				Channel Memory				Image Flip Memory		
					NT358/ NT443 /BW60	Pal/Pal-M/N/ Secam/BW50	15kRGB	Component (15k)	Video	S Video		MS	Up/Down inversion is possible.	Up/Down inversion is impossible.	
A/D Converter	ADC/	Clamp Position		8											
		Clamp Width		20											
		R Gain(Other)							-	-	100				
		R Gain(Component)							-	-	-				
		R Gain(VideoGBR)							-	-	-				
		G Gain(Other)							-	-	100				
		G Gain(Component)							-	-	-				
		G Gain(VideoGBR)							-	-	-				
		B Gain(Other)							-	-	100				
		B Gain(Component)							-	-	-				
		B Gain(VideoGBR)							-	-	-				
		R Offset(Other)							-	-	128				
		R Offset(Component)							-	-	-				
		R Offset(VideoGBR)							-	-	-				
		G Offset(Other)							-	-	128				
		G Offset(Component)							-	-	-				
		G Offset(VideoGBR)							-	-	-				
		B Offset(Other)							-	-	128				
		B Offset(Component)							-	-	-				
		B Offset(VideoGBR)							-	-	-				
		Sync Sep Th	32												
		Pre Coast		2											
		Post Coast		8											
Chroma/D.Comb	Chroma/	Ch1 Gain							20	20	144				
		Ch2 Gain							144	16	160				
		Video Brt			140	124	128	128							
		Video Cont			64	64	64	64							
		Sub Color			56	56	56	56							
		LCBW							0	0	0				
		Y-DeLay	*												
		Ch3 Gain							144	144	160				
		Ch4 Gain							144	144	160				
		YUV Brt			128	128	128	128							
		YUV Cont			64	64	64	64							
		AOSL	-												
		1E	Display only												
		1F	Display only												

(VPL-EX1)

DeviceName	ItemName		MemoryName												Remark
			Set Memory	Status Memory	Chroma Memory				Channel Memory				Image Flip Memory		
					NT358/ NT443 /BW60	Pal/Pal-M/N/ Secam/BW50	15kRGB	Component (15k)	Video	S Video		MS	Up/Down inversion is possible.	Up/Down inversion is impossible.	
Panel Driver	P.Drv	Offset R											211	211	
		Offset G											211	211	
		Offset B											211	211	
		V Common R											65	65	
		V Common G											65	65	
		V Common B											65	65	
		Psig 1	138												
		Psig 2	53												
		Signal Center	196												
		Gain R	161												
		Gain G	161												
		Gain B	161												
		DCFB Off	1												
	Sample Hold/	SH1	8												
	Other/	V Com Ptn Enb	Adj. Not possible												
		Installation	0												
Other	3D Gamma	Sub Cont	0												
		Sub Brt	0												
		R Osd Lvl	31												
		G Osd Lvl	31												
		B Osd Lvl	31												
		Through	0												
		SW	1												
		APC Thres	25												
		APC Limit	32												
	Other/	V Start	22												
		H Start(MSB)	144												
		H Start(LSB)	1												
		H Position	11												
		HST Position	9												
		HST Phase	6												
		Temp Lamp	Adj. Not possible												
		Temp Panel	Adj. Not possible												
		Fan1 H											Adj. Not possible	Adj. Not possible	
		Fan1 L											Adj. Not possible	Adj. Not possible	
		Fan2 H											Adj. Not possible	Adj. Not possible	
		Fan2 L											Adj. Not possible	Adj. Not possible	
		Fan3 H											Adj. Not possible	Adj. Not possible	
		Fan3 L											Adj. Not possible	Adj. Not possible	
		Synchronous	0												
		Tilt C0	0												
		Tilt C1	10000												
		Tilt C2	-10000												
		X Tilt	Display only												
		Y Tilt	Display only												
		TL	Display only												
		TP	Display only												
Gamma			Factory adj. Value												

There are some adjustment items that cannot be adjusted, depending on the input signal.
*: The value changes depending on the color systems and input terminals.

2-4. Service Know-How

2-4-1. When the S Prism Block Is Replaced

1. Perform the V COM adjustment. (Refer to Section “2-2. VCOM Adjustment”.)
2. Write the GAMMA data of the S prism block.
3. Perform the white balance adjustment. (Refer to Section “2-5. White Balance Adjustment”.)

2-4-2. When the C Board Is Replaced

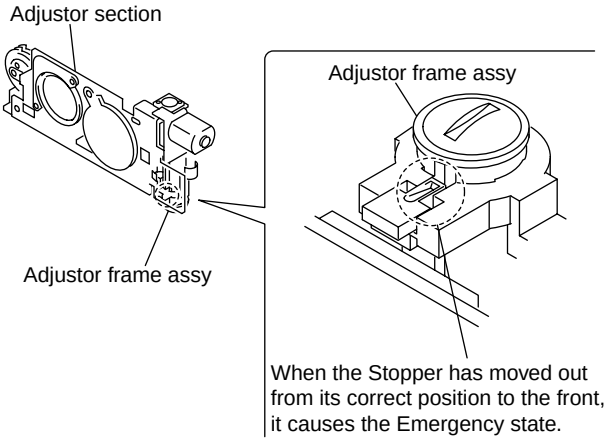
Note

If any board other than the C board is replaced, there is not adjustment item.

1. Install IC406 of the C board before replacement, into the new C board.
2. Enter the Factory Mode.
3. Place this model on a flat worktable. Press the TILT key on a flat table so that the lens shutter becomes visible a little when viewed from the front of the model.
4. Operate the TILT+ key and stop it at the point that the lens shutter becomes invisible from the front.
5. From this position, flip the TILT+ key twice.
6. Press the keys as follows [ENTER] → [ENTER] → [POSITION+] → [MEMORY] keys. (Memorizing the adjustment value.)
7. With the model being placed on a flat worktable, open the lens shutter fully open while the adjuster does not touch the ground.
8. Input the “Other/X Tilt” value in “Other/Tilt C0” at this time.
9. Point the model vertically upright and fix the position.
10. Input the “Other/X Tilt” value in “Other/Tilt C1” at this time.
11. Point the model vertically downward and fix the position.
12. Input the “Other/X Tilt” value in “Other/Tilt C2” at this time.
13. Perform the V COM adjustment. (Refer to Section “2-2. VCOM Adjustment”.)
14. If the white balance is significantly poor, perform the white balance adjustment. . (Refer to Section “2-5. White Balance Adjustment”.)

2-4-3. When the Adjuster Assy Is Returned by the Emergency Mode

When the Adjuster Assy is returned by the Emergency mode, it results in the state that the Stopper of the mechanism has moved out from its correct mechanical position. Therefore, be sure to replace Adjuster Frame Assy.
The Stopper alone cannot be replaced because the Stopper got accustomed to move out from its correct mechanical position easily.



2-5. White Balance Adjustment

Preparation before adjustment

1. Input the 100 IRE flat field signal to the INPUT-A connector and allow the warm-up of 10 minutes aging at a minimum.
2. Enter the Service Mode.
   Press the keys in the following order.
   [ENTER] → [ENTER] → [↑] → [↓] → [ENTER].
   The message [Do you want to enter the Service Mode? Yes : ↑ No : ↓] appears.
   Select [Yes : ↑].

[Supplementary information: How to Exit the Service Mode]

Perform the step 2 KEY operation.
The message [Do you want to return to the User Mode?] appears.
Select [Yes : ↑].

2-5-1. HIGH Mode of INPUT-A

Connect the10-step signal to the INPUT-A connector and measure the chromaticities at each brightness.
If chromaticities are different at each brightness, perform the following adjustment.

1. Input the 100 IRE flat field signal to the INPUT-A connector.
2. Measure the chromaticity (x, y).
3. Input the 80 IRE flat field signal.
4. Adjust the GAIN R and GAIN B in the HIGH mode of W/B until the chromaticity (x, y) that is measured at step 2 is obtained.
5. Input the 30 IRE flat field signal.
6. Adjust the BIAS R and BIAS B in the HIGH mode of W/B until the chromaticity (x, y) that is measured at step 2 is obtained.
7. Repeat steps 3 to 6 until the chromaticity (x ±0.002, y ±0.004) with reference to the chromaticity (x, y) that is measured at step 2 is obtained.

2-5-2. LOW Mode of INPUT-A

1. Input the 80 IRE flat field signal to the INPUT-A connector.
2. In the LOW mode of W/B, adjust the GAIN R for +15 higher than the value in the HIGH mode, adjust the GAIN G for −25 lower than the value in the HIGH mode and adjust GAIN B that is the same as the value in the HIGH mode.
3. Adjust BIAS R, BIAS B and BIAS G for the same value as those of the HIGH mode.
4. Measure the chromaticity (x, y).
5. Input the 30 IRE flat field signal.
6. Adjust the BIAS R and BIAS B in the LOW mode of W/B until the chromaticity (x, y) that is measured at step 4 is obtained.
7. Input the 80 IRE flat field signal.
8. Adjust the GAIN R and GAIN B in the LOW mode of W/B until the chromaticity (x, y) that is measured at step 4 is obtained.
9. Repeat steps 5 to 8 until the chromaticity (x ±0.002, y ±0.004) with reference to the chromaticity (x, y) that is measured at step 4 is obtained.

2-5-3. HIGH Mode of VIDEO

1. Input the NTSC or PAL video signal to the input connector.
2. In the HIGH mode of W/B, adjust the GAIN R for −20 lower than the value in the INPUT-A HIGH mode, adjust the GAIN G for −35 lower than the value in the INPUT-A HIGH mode and adjust GAIN B that is the −20 lower than the value in the INPUT-A HIGH mode.
3. Adjust BIAS G for −5 lower than the value in the INPUT-A HIGH mode, adjust the BIAS R and BIAS B for the same value as those of the INPUT-A HIGH mode.

2-5-4. LOW Mode of VIDEO

1. Input the NTSC or PAL video signal to the input connector.
2. In the LOW mode of W/B, adjust the GAIN R for −20 lower than the value in the INPUT-A LOW mode, adjust the GAIN G for −35 lower than the value in the INPUT-A LOW mode and adjust GAIN B that is the −20 lower than the value in the INPUT-A LOW mode.
3. Adjust BIAS G for −5 lower than the value in the INPUT-A LOW mode, adjust the BIAS R and BIAS B for the same value as those of the INPUT-A HIGH mode.

2-6. Memory Structure

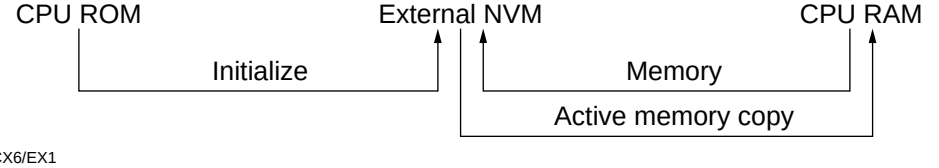
CS5A, CS6 and EX1 Memory Structure

CPU internal ROM : 384 K byte Flash Memory
CPU internal RAM : 30 K byte
External NVM memory : 8 K byte EEPROM

Set Memory		
Status Memory	No. 01	
	No. 02	
	Input-A Preset	No. 03
		No. 04
		No. 05
		...
		No. 52
Picture Memory	Video	Dynamic
		Standard
	S Video	Dynamic
		Standard
	Input-A	Dynamic
		Standard
Chroma Memory	NT358/443/BW60	
	PAL/PAL-M/N/ SECAM/BW50	
	15k RGB	
	Component (15k)	
W/B Memory	Computer	High
		Low
	Others	High
		Low
Channel Memory	Video	
	S Video	
	Input-A	
Image Flip Memory	Up/Down inversionis impossible	
	Up/Down inversionis possible	

Set Memory		
Status Memory	No. 01	
	No. 02	
	Input-A Preset	No. 03
		No. 04
		No. 05
		...
		No. 52
	Input-A User	No. 101
		...
		No. 120
Picture Memory	Video	Dynamic
		Standard
	S Video	Dynamic
		Standard
	Input-A	Dynamic
		Standard
Chroma Memory	NT358/443/BW60	
	PAL/PAL-M/N/ SECAM/BW50	
	15k RGB	
	Component (15k)	
W/B Memory	Computer	High
		Low
	Others	High
		Low
Channel Memory	Video	
	S Video	
	Input-A	
Image Flip Memory	Up/Down inversionis impossible	
	Up/Down inversionis possible	

Set Memory	
Status Memory	
Picture Memory	
Chroma Memory	
W/B Memory	High
	Low
Channel Memory	
Image Flip Memory	



Memory structure of VPL-CS5A, VPL-CS6 and VPL-EX1 consists of the followings.

1 Set memory
2 Status memory
3 Picture memory
4 Chroma memory
5 W/B memory
6 Channel memory
7 Image Flip memory

∗ The gamma memory is realized by giving offset to Contrast and Brightness output values to the devices in the gamma mode function.

Flow of data is described briefly. When the power plug is connected to the wall outlet for the first time (Standby state), all data that are stored in the internal ROM are written in the NVM(non-volatile memory). When the POWER is turned ON, all the status memory data and other memory data that are required for the present picture are selected from each memory block and expanded in the internal RAM.

When any adjustment is performed at this moment, the adjustment data(user mode items) are written in the NVM(Service/Special Service item) automatically triggered by the memory operation.

The adjustment items(W/B, Device Adjust) that can be adjusted in the Service Mode or in the Special Service Mode, are memorized in the NVM at the time when the user performs adjustment and performs the memory operation. Note that the factory adjustment data will be lost at this moment.

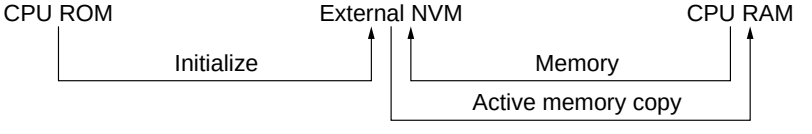
CX6 Series Memory Structure

CPU internal ROM : 384 K byte Flash Memory
CPU internal RAM : 30 K byte
External NVM memory : 8 K byte EEPROM

Set Memory		
Status Memory		No. 01
		No. 02
	Input-A Preset	No. 03
		No. 04
		No. 05
		...
		No. 52
	MS Preset	No. 53
		No. 54
		No. 55
		...
		No. 62
Picture Memory	Video	Dynamic
		Standard
	S Video	Dynamic
		Standard
	Input-A	Dynamic
		Standard
	MS	Dynamic
		Standard
Chroma Memory		NT358/443/BW60
		PAL/PAL-M/N/ SECAM/BW50
		15k RGB
		Component (15k)
W/B Memory	Computer	High
		Low
	Others	High
		Low
Channel Memory		Video
		S Video
		Input-A
		MS
Image Flip Memory		Up/Down inversionis impossible
		Up/Down inversionis possible

Set Memory		
Status Memory		No. 01
		No. 02
	Input-A Preset	No. 03
		No. 04
		No. 05
		...
		No. 52
	MS Preset	No. 53
		No. 54
		No. 55
		...
		No. 62
	Input-A User	No. 101
		...
		No. 120
Picture Memory	Video	Dynamic
		Standard
	S Video	Dynamic
		Standard
	Input-A	Dynamic
		Standard
	MS	Dynamic
		Standard
Chroma Memory		NT358/443/BW60
		PAL/PAL-M/N/ SECAM/BW50
		15k RGB
		Component (15k)
W/B Memory	Computer	High
		Low
	Others	High
		Low
Channel Memory		Video
		S Video
		Input-A
		MS
Image Flip Memory		Up/Down inversionis impossible
		Up/Down inversionis possible

Set Memory	
Status Memory	
Picture Memory	
Chroma Memory	
W/B Memory	High
	Low
Channel Memory	
Image Flip Memory	



Memory structure of VPL-CX6 consists of the followings.

1 Set memory
2 Status memory
3 Picture memory
4 Chroma memory
5 W/B memory
6 Channel memory
7 Image Flip memory

∗ The gamma memory is realized by giving offset to Contrast and Brightness output values to the devices in the gamma mode function.

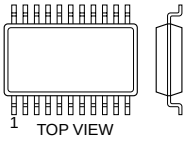
Flow of data is described briefly. When the power plug is connected to the wall outlet for the first time (Standby state), all data that are stored in the internal ROM are written in the NVM(non-volatile memory). When the POWER is turned ON, all the status memory data and other memory data that are required for the present picture are selected from each memory block and expanded in the internal RAM.

When any adjustment is performed at this moment, the adjustment data(user mode items) are written in the NVM(Service/Special Service item) automatically triggered by the memory operation.

The adjustment items(W/B, Device Adjust) that can be adjusted in the Service Mode or in the Special Service Mode, are memorized in the NVM at the time when the user performs adjustment and performs the memory operation. Note that the factory adjustment data will be lost at this moment.

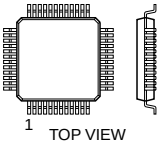
Section 3
Semiconductors

24LC21AT/SN
BA033F-E2
BA033FP
BA033FP-E2
ICS332-SX1734
ICS332-SX1735
ICS332M-SX1734
ICS332M-SX1735
IRMF-A0T-QTP
M24C64-WMN6T(B)
MM1096AFF
ST24FC21M6TR
TA75W393FU
TA75W393FU-TE12R
TC7WH74FU(TE12R)
TL431BCDR2



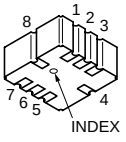
8pin SOP

AD9883AKST-110
AD9883AKST-140



80pin QFP

ADXL202JE-REEL



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BA6288FS-E2
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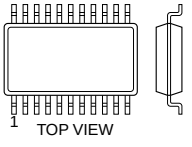
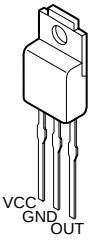
CY27027ZZCT
LT1765EFE
TPA2001D1PWR

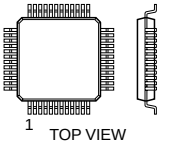


16pin SOP

BA05FP-E2
BA09FP-E2

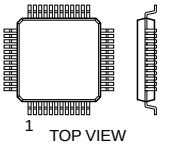


CXA3562AR-T6
UPD72012GB-003-3B4



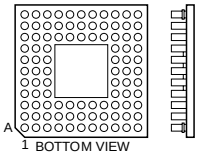
100pin QFP

CXA7000R-T6



64pin QFP

CXD9607GB



144pin PGA

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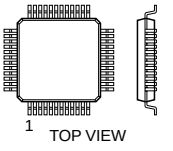

144pin QFP

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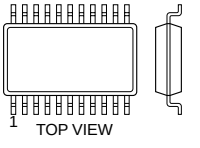
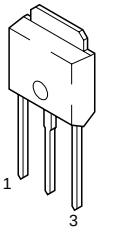


54pin SOP

L88M05T-FA-TL



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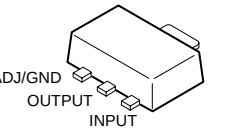

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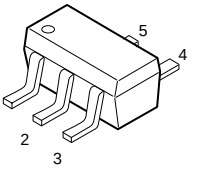
SN74AHCT1G08DCKR



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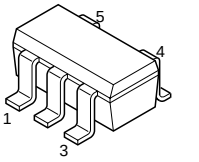

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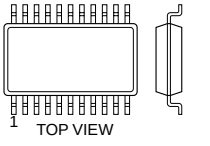

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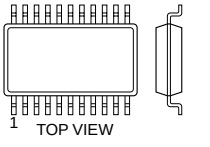

20pin SOP

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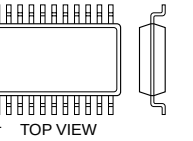

24pin SOP

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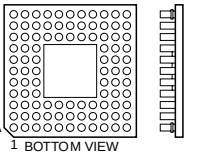

288pin PGA

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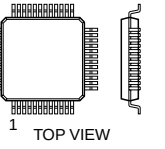

176pin QFP

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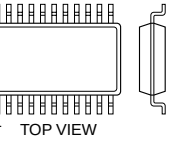

48pin SOP

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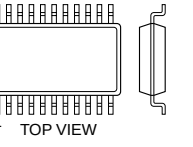

40pin SOP

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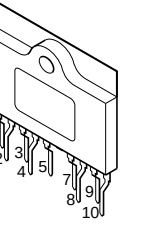

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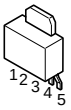

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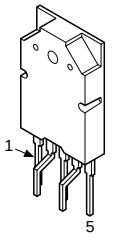

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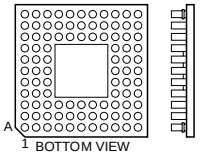

256pin PGA

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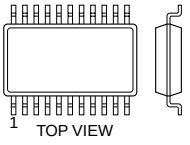
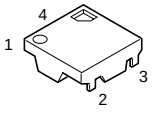


34pin SOP

RS-140-T



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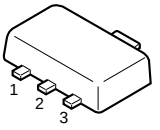
S-80942ANMP-DD6-T2



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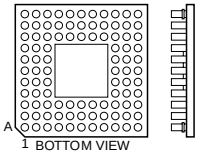

156pin PGA

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SN74LV125APWR
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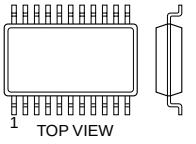

14pin SOP

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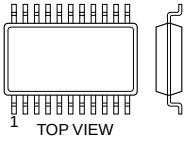

18pin SOP

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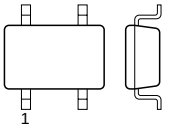

5pin CHIP

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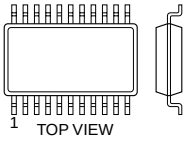

5pin SOP

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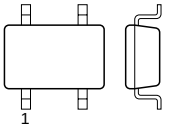

6pin CHIP

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2SA1576A-T106-QR
2SC2712-YG
2SC2712-YG-TE85L
2SC4081-R
2SC4081T106R
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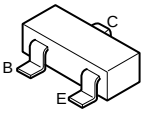

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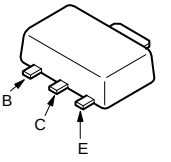

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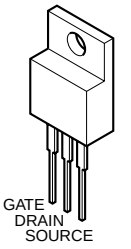

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DTC114EU
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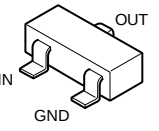

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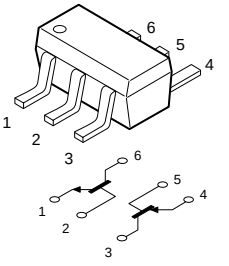
HN1C01FU-TE85R



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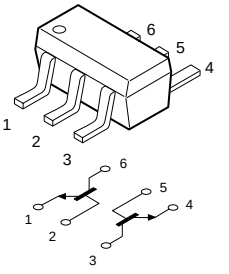
RN2904-TE85R



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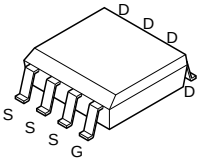
SI9434DY-T1



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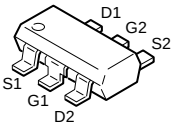

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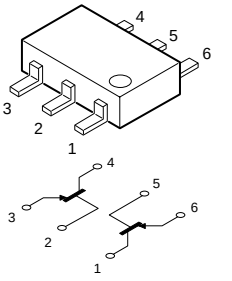

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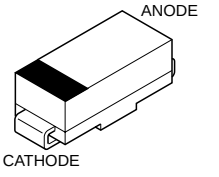
D1FS4A-TA
RB501V-40TE17
RB501V-40TE-17



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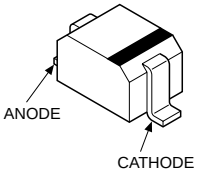
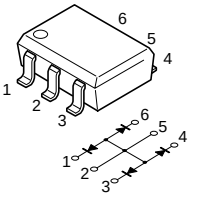
MA111-(K8).S0
MA111-TX
RD9.1SB2
RD9.1SB2-T1



BZA456A



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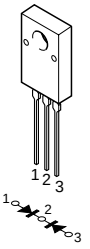
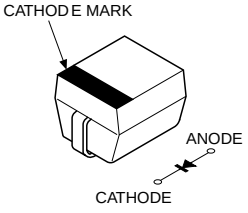
D10SC6M
D10SC6M(RECTI)



D2FS6-TA



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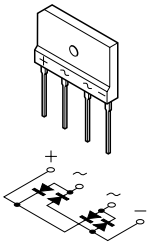

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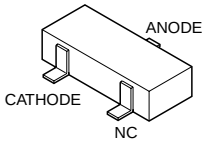
DAN202UT106



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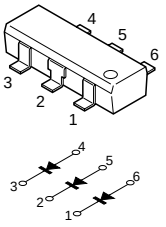
HN1D03FU-TE85R



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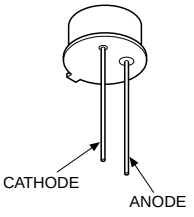
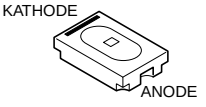
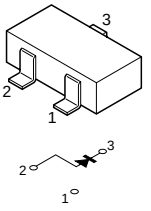


NSCW100
NSCW100-TE4



RD16M-B2
RD16M-T1B2
RD18M-B1
RD18M-T1B1
RD33M-B
RD33M-T1B
RD6.8M-B1
RD6.8M-T1B1



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RD3.9SB-T1
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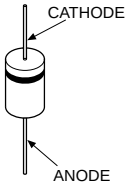
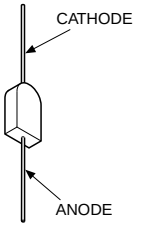
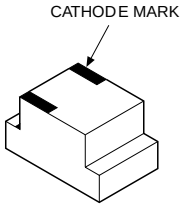


RM11C(RECTI)
RM11C-V1



SEC1801C
SEC1901C
SEC2422C



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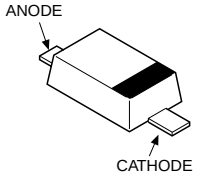


Section 4
Spare Parts

4-1. Notes on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

WARNHINWEIS

Les composants identifiés par la marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.
Parts List has the present standardized repair parts.

3. Stock of Parts

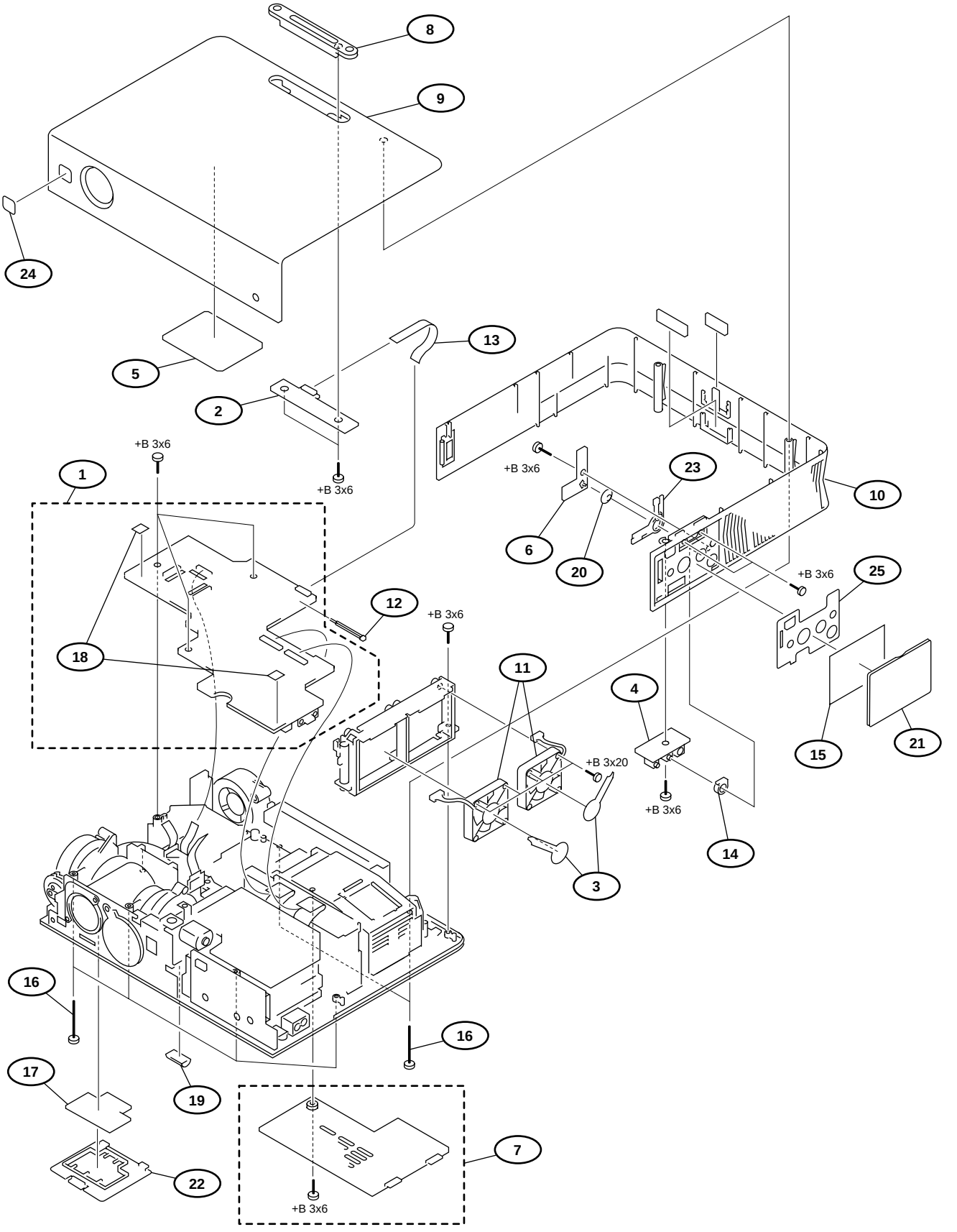
Parts marked with “o” at SP (Supply Code) column of the Spare Parts list may not be stocked. Therefore, the delivery date will be delayed.
Items with no part number and no description are not stocked because they are seldom required for routine service.

4. Units for Capacitors, Inductors and Resistors

The following units are assumed in Schematic Diagrams, Electrical Parts List and Exploded Views unless otherwise specified.

Capacitors : μF
Inductors : μH
Resistors : Ω

4-2. Exploded Views

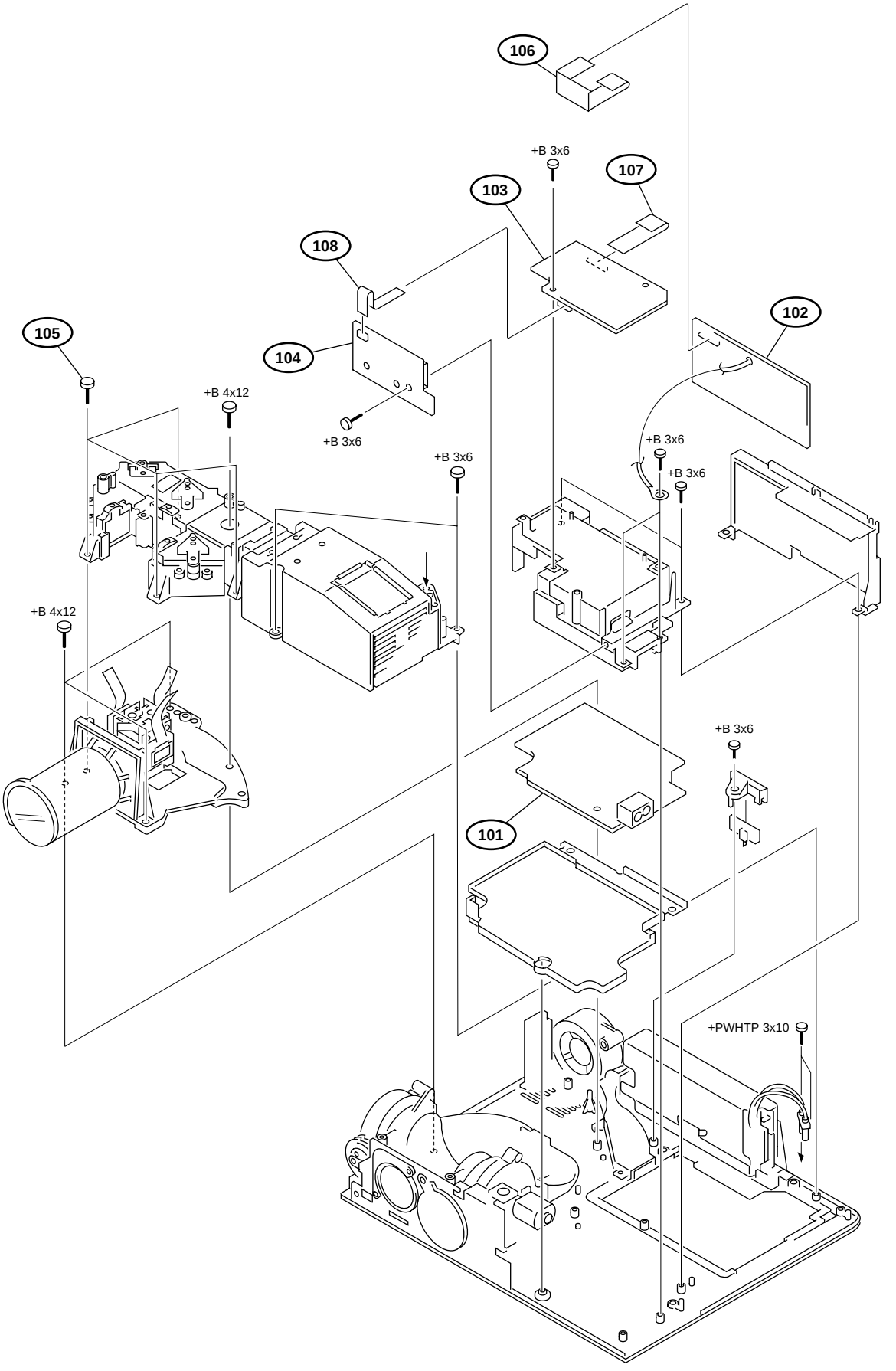


No.		Part No.	SP	Description
1		A-1302-313-A	s	MOUNTED CIRCUIT BOARD, C (VPL-EX1)
		A-1302-317-A	s	MOUNTED CIRCUIT BOARD, C (VPL-CS6)
		A-1302-318-A	s	MOUNTED CIRCUIT BOARD, C (VPL-CX6)
		A-1302-410-A	s	MOUNTED CIRCUIT BOARD, C (VPL-CS5A)
2		A-1405-562-A	s	MOUNTED CIRCUIT BOARD, H1
3		4-096-060-01	s	MASK
4		A-1405-571-A	s	MOUNTED CIRCUIT BOARD, Q
5		4-096-061-01	s	SHEET, HEAT
6		A-1405-565-A	s	MOUNTED CIRCUIT BOARD, H2
7	⚠	X-4040-587-1	s	LAMP COVER ASSY
8		X-4040-588-2	s	BUTTON (H1) ASSY
9	⚠	X-4040-589-3	s	PANEL ASSY, TOP (VPL-CX6/CS6)
	⚠	X-4041-755-1	s	PANEL ASSY, TOP (VPL-CS5A/EX1)
		(When you are going to replace this part, be sure to replace SHEET, HEAT 4-096-061-01 together with this part at the same time.)		
10	⚠	X-4040-590-1	s	PANEL ASSY, SIDE
11	⚠	1-763-746-21	s	FAN, DC
		(When you are going to replace this part, be sure to replace MASK 4-096-060-01 together with this part at the same time.)		
12	⚠	1-900-222-47	s	CONNECTOR ASSY, FUSE 2P
13		1-900-268-34	s	CONNECTOR ASSY A, FLAT 12P
14		4-074-246-02	o	SLEEVE, VIDEO
15		4-090-083-01	s	MAGNET
16		4-090-087-02	s	SHAFT
17	⚠	4-090-088-02	s	FILTER
18		4-090-741-01	s	GASKET
19		4-096-049-01	s	FOOT, FRONT
20		4-090-095-01	s	BUTTON (H2)
21		4-090-099-02	s	COVER, CONNECTOR (VPL-CS5A/CS6/EX1)
		4-090-099-11	s	COVER, CONNECTOR (VPL-CX6)
22		4-090-107-03	s	COVER, FILTER
23		4-090-115-01	s	HOLDER (H2)
24		4-096-048-01	o	EMBLEM (VPL-EX1)
		4-096-063-01	o	EMBLEM (VPL-CS6)
		4-096-065-01	o	EMBLEM (VPL-CX6)
		4-090-085-02	s	EMBLEM (VPL-CS5A)
25		4-096-066-01	s	LABEL, CONNECTOR NAME (VPL-CX6)
		4-090-096-03	s	LABEL, CONNECTOR NAME (VPL-CS5A/CS6/EX1)

Screws/Washers

		7-682-547-04	s	SCREW +B 3X6
		7-682-553-09	s	SCREW +B 3X20

Chassis

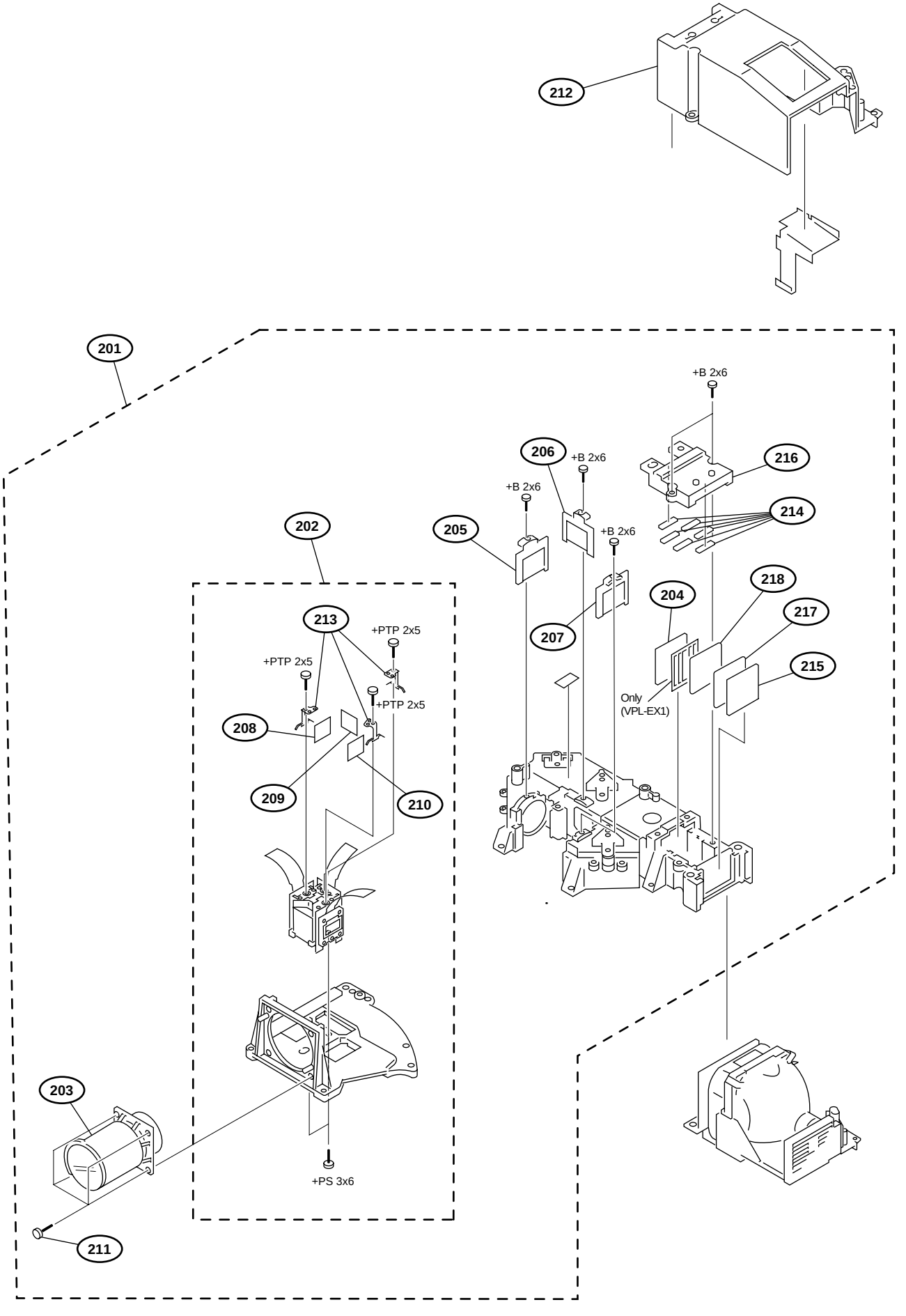

106
+B 3x6
107
103
108
102
105
104
+B 4x12
+B 3x6
+B 3x6
+B 3x6
+B 3x6
+B 4x12
+B 3x6
101
+PWHTP 3x10

No.	Part No.	SP	Description
101	A-1302-315-A	s	MOUNTED CIRCUIT BOARD, GA
102	A-1302-316-A	s	MOUNTED CIRCUIT BOARD, GB
103	A-1302-320-A	s	MOUNTED CIRCUIT BOARD, MS (VPL-CX6)
104	A-1302-319-A	s	MOUNTED CIRCUIT BOARD, MSC (VPL-CX6)
	A-1302-314-A	s	MOUNTED CIRCUIT BOARD, MSC (VPL-CS5A/CS6/EX1)
105	4-082-759-01	s	SCREW, MACHINE, (+)P M4X12
106	1-900-267-27	s	CONNECTOR ASSY, FLAT 24P
107	1-900-267-36	s	CONNECTOR ASSY, FLAT 50P (VPL-CX6)
108	1-900-267-37	s	CONNECTOR ASSY B, FLAT 12P (VPL-CX6)

Screws/Washers

	7-682-547-04	s	SCREW +B 3X6
	7-682-563-04	s	SCREW +B 4X12 (EP-FE/CU,NI,CR)
	7-685-903-31	s	SCREW,+PWHTP 3X10 (EP-FE/ZNBK/C)

Optics

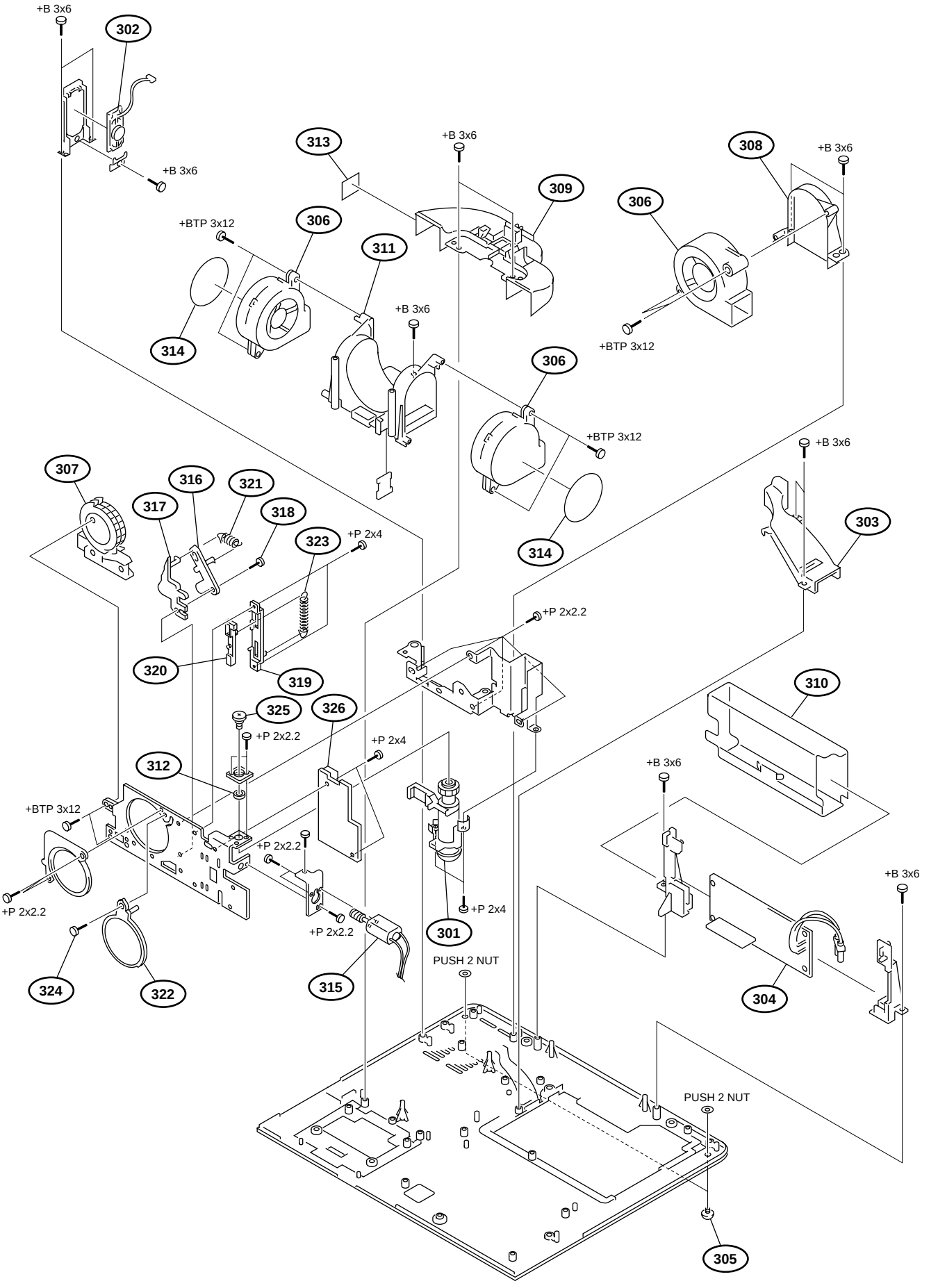

212
201
+B 2x6
206
+B 2x6
+B 2x6
216
214
205
+B 2x6
202
218
204
217
213
+PTP 2x5
207
+PTP 2x5
215
+PTP 2x5
Only
(VPL-EX1)
208
209
210
203
+PS 3x6
211

No.	Part No.	SP	Description
201	A-1604-973-A	s	OPT UINT ASSY (VPL-CS6/CS5A)
	A-1604-977-A	s	OPT UINT ASSY (VPL-CX6)
	A-1604-963-A	s	OPT UINT ASSY (VPL-EX1)
202	A-1604-974-A	s	S PRISM BLOCK ASSY (VPL-CS6/CS5A)
	A-1604-964-A	s	S PRISM BLOCK ASSY (VPL-CX6/EX1)
203	A-1604-978-A	s	LENS ASSY (VPL-CS6/CX6)
	A-1603-662-A	s	PROJECTION LENS ASSY (VPL-EX1/CS5A)
204	A-1604-979-A	s	P/S ASSY (VPL-CS6/CX6)
	A-1603-663-A	s	P/S ASSY (VPL-EX1/CS5A)
205	A-1604-965-A	s	S IN-POLARIZER (R) ASSY
206	A-1604-966-A	s	S IN-POLARIZER (G) ASSY
207	A-1604-967-A	s	S IN-POLARIZER (B) ASSY
208	A-1604-968-A	s	S OUT-PRE-POLARIZER (R) ASSY
209	A-1604-969-A	s	S OUT-PRE-POLARIZER (G) ASSY
210	A-1604-970-A	s	S OUT-PRE-POLARIZER (B) ASSY
211	4-074-474-01	s	+BSW M3X8
212	4-090-112-03	o	HOUSE, LAMP
213	4-089-522-01	s	FASTENER (OP)
214	4-089-526-01	s	CUSHION
215	4-095-447-01	s	PRE-FILTER, UV-CUT
216	4-089-552-02	s	COVER (B), UNIT
217	4-089-558-01	s	FLY EYE, LENS-1
218	4-089-559-01	s	FLY EYE, LENS-2

Screws/Washers

	7-621-772-38	s	SCREW +B 2X6
	7-682-647-09	s	SCREW +PS 3X6 (EP-FE/ZNBK/CM2)
	7-685-103-19	s	SCREW +PTP 2X5

Base


+B 3x6
302
+B 3x6
313
+B 3x6
309
308
+B 3x6
306
+BTP 3x12
306
311
314
+B 3x6
+BTP 3x12
306
+BTP 3x12
314
307
316
321
317
318
323
+P 2x4
+B 3x6
303
+P 2x2.2
320
319
310
325
326
+P 2x2.2
+P 2x4
312
+B 3x6
+BTP 3x12
+P 2x2.2
+P 2x2.2
+P 2x4
+B 3x6
301
+P 2x2.2
PUSH 2 NUT
324
322
315
304
PUSH 2 NUT
305

No.	Part No.	SP	Description
301	X-4041-753-1	s	FRAME ASSY, ADJUSTER
302 ⚠	A-1603-156-A	s	SPEAKER ASSY
303	X-4040-721-1	o	DUCT ASSY, LAMP
304 ⚠	1-468-696-12	s	POWER SUPPLY BLOCK (LAMP)
305	4-096-057-01	s	FOOT REAR, ADJ
306 ⚠	1-763-886-11	s	FAN, DC (SIROCCO)
307	4-090-090-02	s	GEAR, LENS
308	4-090-104-01	o	HOLDER, FAN (RE)
309	4-090-094-02	o	DUCT, PRISM
310 ⚠	4-090-114-01	s	SHEET (LPS)
311	4-090-120-01	o	HOLDER (IN), FAN
312	4-666-063-01	s	BEARING (L850ZZH), BALL
313	4-090-740-01	s	SHEET, DUCT
314	4-090-742-01	s	SHEET (FAN)
315	A-1605-748-A	s	DC MOTOR ASSY, ADJUSTER
316	4-096-032-01	s	LEVER 1, JOINT
317	4-096-033-01	s	LEVER 2, JOINT
318	4-096-031-01	s	SCREW, STEP
319	4-096-050-01	s	HOLDER, JOINT
320	4-096-051-01	s	SLIDER, JOINT
321	4-096-052-01	s	SPRING (A)
322	4-096-053-01	s	SHUTTER
323	4-096-055-01	s	SPRING (B)
324	4-096-056-01	s	SHAFT, SHUTTER
325	4-096-059-01	s	SHAFT, ADJUSTER
326	A-1405-572-A	s	MOUNTED CIRCUIT BOARD, S

Screws/Washers

7-682-547-04	s	SCREW +B3X6
7-685-548-19	s	SCREW +BTP 3X12 (EP-FE/ZNBK/CM)
7-627-554-07	s	PRECISION SCREW +P 2X2.2 TYPE3
7-627-553-48	s	PRECISION SCREW +P 2X4 TYPE3
7-624-200-11	s	NUT, PUSH 2

4-3. Electrical Parts List

C BOARD(VPL-CS5A/CS6 ONLY)

Note:
∗1 If IC203, IC406 and IC801 becomes defective, replace the entire C board.

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1302-317-A	s	MOUNTED CIRCUIT BOARD, C(FOR CS6)
1pc	A-1302-410-A	s	MOUNTED CIRCUIT BOARD, C(FOR CS5A)
C100	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C101	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C102	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C103	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C104	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C105	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C106	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C107	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C108	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C109	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C111	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C112	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C113	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C114	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C115	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C116	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C117	1-137-987-81	s	CAPACITOR,C.CERAMIC 0.068MF
C118	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C119	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C120	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C121	1-165-871-11	s	CAPACITOR,ELECT 22MF
C122	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C123	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C124	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C125	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C126	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C127	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C128	1-125-837-91	s	CAP, CHIP CERAMIC 1MF
C129	1-165-871-11	s	CAPACITOR,ELECT 22MF
C130	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C131	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C132	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C133	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C134	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C135	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C136	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C137	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C138	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C139	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C140	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C141	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C142	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C143	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C144	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C145	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C146	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C147	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C148	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C149	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C150	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C151	1-164-173-11	s	CAPACITOR,CERAMIC 3900PF/50V B
C152	1-135-995-91	s	CAP,CHIP CERAMIC39000PF B 1608
C153	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C154	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F

(C BOARD(VPL-CS5A/CS6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
C155	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C156	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C157	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C158	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C159	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C160	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C161	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C162	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C163	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C164	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C165	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C166	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C200	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C201	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C204	1-126-209-11	s	CAPACITOR,ELECT 100MF/4V
C206	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C207	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C208	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C209	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C210	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C211	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C215	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C216	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C217	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C218	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C219	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C220	1-126-246-11	s	CAPACITOR ELECT 220MF/4V(CHIP)
C221	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C222	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C223	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C224	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C225	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C226	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C227	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C228	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C229	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C230	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C233	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C234	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C245	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C260	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C261	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C262	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C263	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C300	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C302	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C303	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C304	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C305	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C306	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C307	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C308	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C309	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C310	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C311	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C312	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C314	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C315	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C316	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16

(C BOARD(VPL-CS5A/CS6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
C317	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C318	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C319	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C320	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C321	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C322	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C323	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C324	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C325	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C328	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C329	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C330	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C331	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C332	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C333	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C334	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C335	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C336	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C337	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C338	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C339	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C340	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C341	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C342	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C343	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C401	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C402	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C403	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C404	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C406	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C407	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C408	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C409	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C410	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C411	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C412	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C413	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C414	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C415	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C416	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C450	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C451	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C452	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C471	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C472	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C473	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C474	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C475	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C501	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C502	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C503	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C504	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C505	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C506	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C507	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C508	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C509	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C510	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C511	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608

(C BOARD(VPL-CS5A/CS6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
C512	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C513	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C514	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C515	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C516	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C517	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C518	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C519	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C520	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C521	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C550	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C552	1-115-340-11	s	CAPACITOR CERAMIC 0.22MF/25V B
C553	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C554	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C555	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C601	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C602	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C603	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C604	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C605	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C606	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C607	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C608	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C609	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C610	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C611	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C612	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C613	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C614	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C615	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C616	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C617	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C618	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C619	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C620	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C621	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C701	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C702	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C703	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C704	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C705	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C706	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C707	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C708	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C709	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C710	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C711	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C712	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C713	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C714	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C715	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C716	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C717	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C718	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C719	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C720	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C721	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C800	1-124-778-00	s	CAPACITOR,ELECT 22MF/6.3V
C801	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF

(C BOARD(VPL-CS5A/CS6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
C802	1-165-871-11	s	CAPACITOR,ELECT 22MF
C803	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C804	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C805	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C806	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C807	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C808	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C809	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C810	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C811	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C812	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C813	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C814	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C816	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C817	1-124-778-00	s	CAPACITOR,ELECT 22MF/6.3V
C818	1-164-940-11	s	CAPACITOR,CHIP CERAMIC 3300/16
C819	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C820	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C821	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C822	1-164-940-11	s	CAPACITOR,CHIP CERAMIC 3300/16
C903	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C904	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C905	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C906	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C908	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C910	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C911	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C913	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C914	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C915	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C916	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C917	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C918	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C919	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C920	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C921	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C922	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C1026	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C1101	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1102	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C1103	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C1104	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1105	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C1106	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1107	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1108	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1109	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1110	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1111	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1112	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1113	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1114	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1115	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1116	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1117	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1118	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1119	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1120	1-117-370-11	s	CAPACITOR CERAMIC 10MF (3216)
C1124	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608

(C BOARD(VPL-CS5A/CS6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
C1125	1-107-682-11	s	CAPACITOR,CHIP 1MF/16V (3216)
C1126	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C1127	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C1128	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C1137	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C1138	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1140	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1143	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1144	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
CN100	1-784-828-11	s	CONNECTOR, D SUB
CN201	1-770-629-21	s	PIN, CONNECTOR 12P
CN401	1-770-621-21	s	PIN, CONNECTOR 4P
CN502	1-779-730-11	s	CONNECTOR, FFC/FPC (ZIF) 24P
CN602	1-779-730-11	s	CONNECTOR, FFC/FPC (ZIF) 24P
CN702	1-779-730-11	s	CONNECTOR, FFC/FPC (ZIF) 24P
CN800	1-770-629-21	s	PIN, CONNECTOR 12P
CN901	1-770-621-21	s	PIN, CONNECTOR 4P
CN903	1-691-491-21	s	CONNECTOR, FFC/FPC 12P
CN904	1-764-829-11	o	CONNECTOR, FPC 24P
CN906	1-580-055-21	o	PIN, CONNECTOR 2P
CN907	1-770-624-21	s	PIN, CONNECTOR 7P
CN908	1-580-056-21	s	PIN,CONNECTOR 3P
CN909	1-580-056-21	s	PIN,CONNECTOR 3P
CN910	1-580-056-21	s	PIN,CONNECTOR 3P
CN911	1-580-056-21	s	PIN,CONNECTOR 3P
CN912	1-580-056-21	s	PIN,CONNECTOR 3P
CN913	1-778-336-21	s	PIN, CONNECTOR (PC BOARD) 14P
CN914	1-770-622-21	s	PIN, CONNECTOR 5P
CN915	1-770-623-21	s	PIN, CONNECTOR 6P
CN1101	1-569-775-21	o	PIN, CONNECTOR 5P
CN1102	1-580-055-21	o	PIN, CONNECTOR 2P
D100	8-719-073-11	s	DIODE BZA456A
D101	8-719-024-77	s	DIODE HN1D03FU-TE85L
D102	8-719-059-53	s	DIODE MA3J14700LSO
D103	8-719-059-53	s	DIODE MA3J14700LSO
D104	8-719-059-53	s	DIODE MA3J14700LSO
D105	8-719-988-61	s	DIODE 1SS355TE-17
D106	8-719-988-61	s	DIODE 1SS355TE-17
D200	8-719-059-53	s	DIODE MA3J14700LSO
D201	8-719-059-53	s	DIODE MA3J14700LSO
D202	8-719-059-53	s	DIODE MA3J14700LSO
D300	8-719-941-86	s	DIODE DAN202U
D800	8-719-024-77	s	DIODE HN1D03FU-TE85L
D901	8-719-941-86	s	DIODE DAN202U
D902	8-719-941-86	s	DIODE DAN202U
D903	8-719-941-86	s	DIODE DAN202U
D904	8-719-073-11	s	DIODE BZA456A
D905	8-719-083-58	s	DIODE UDZSTE-173.9B
D906	8-719-055-30	s	DIODE D1FS4A-TA
D907	8-719-055-30	s	DIODE D1FS4A-TA
D908	8-719-054-58	s	DIODE D1F20-TL
D909	8-719-055-30	s	DIODE D1FS4A-TA
D1008	8-719-083-58	s	DIODE UDZSTE-173.9B
D1009	8-719-083-58	s	DIODE UDZSTE-173.9B
FB100	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB101	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB102	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB200	1-414-921-11	s	INDUCTOR, FERRITE BEAD

(C BOARD(VPL-CS5A/CS6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
FB300	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB301	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB302	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB303	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB401	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB402	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB403	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB404	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB405	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB450	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB451	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB452	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB471	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB502	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB503	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB550	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB552	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB602	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB603	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB702	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB703	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB800	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB901	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB902	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB903	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB904	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB905	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB906	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB907	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB908	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB909	1-239-899-21	s	FILTER, CHIP EMI
FB910	1-239-899-21	s	FILTER, CHIP EMI
FB911	1-239-899-21	s	FILTER, CHIP EMI
FB912	1-239-899-21	s	FILTER, CHIP EMI
FB913	1-239-899-21	s	FILTER, CHIP EMI
FB914	1-239-899-21	s	FILTER, CHIP EMI
FB915	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB916	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB917	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB918	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB920	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB921	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB922	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB923	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB924	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB925	1-469-670-11	o	FERRITE, EMI (SMD)
FB926	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB927	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB928	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB929	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB930	1-239-899-21	s	FILTER, CHIP EMI
FB931	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB932	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB933	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB934	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB935	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB936	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB937	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB938	1-469-407-21	s	BEAD, FERRITE 0.5A100

(C BOARD(VPL-CS5A/CS6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
FB939	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB940	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB941	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB942	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB943	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB944	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB945	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB946	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB947	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB948	1-469-670-11	o	FERRITE, EMI (SMD)
FB1003	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB1005	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB1006	1-414-234-11	s	INDUCTOR,FERRITE BEAD
FB1007	1-414-234-11	s	INDUCTOR,FERRITE BEAD
FB1102	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1103	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1104	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1106	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1107	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FL201	1-239-899-21	s	FILTER, CHIP EMI
FL202	1-239-897-12	s	FILTER, EMI (SMD)
IC100	8-759-661-55	s	IC ST24FC21M6TR
IC101	8-759-533-85	s	IC L88M05T-FA-TL
IC102	8-759-646-02	s	IC M52347FP-TE
IC103	8-759-460-72	s	IC BA033FP
IC104	8-759-659-65	s	IC LP2985IM5X-3.3
IC105	6-702-573-01	s	IC AD9883AKST-110
IC202	8-759-460-72	s	IC BA033FP
IC203	✻1		IC
IC204	8-759-549-14	s	IC SN74LV244APWR
IC205	8-759-549-07	s	IC SN74LV157APWR
IC206	8-759-659-65	s	IC LP2985IM5X-3.3
IC301	8-759-582-37	s	IC PQ2TZ15U
IC303	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC304	8-759-548-96	s	IC SN74LV02APWR
IC305	6-702-809-01	s	IC ICS332-SX1734
IC306	8-759-549-01	s	IC SN74LV125APWR
IC307	6-803-210-01	s	IC MBM29LV800TA-70PFTN-1752
IC401	8-759-669-41	s	IC SN74LVC125APWR-12
IC403	8-759-447-77	s	IC TC7WH74FU (TE12R)
IC404	8-759-548-95	s	IC SN74LV00APWR
IC405	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC406	✻1		IC
IC450	8-759-679-58	s	IC SN74AHCT541PWR
IC451	8-759-679-58	s	IC SN74AHCT541PWR
IC452	8-759-649-32	s	IC SN74AHCT1G04DCKR
IC471	8-759-542-46	s	IC M62392FP
IC502	8-752-103-51	s	IC CXA7000R-T6
IC550	8-759-252-41	s	IC TK11900MTL
IC551	8-759-388-31	s	IC PQ20VZ1U
IC602	8-752-103-51	s	IC CXA7000R-T6
IC702	8-752-103-51	s	IC CXA7000R-T6
IC800	8-759-652-56	s	IC BA033F-E2
IC801	✻1		IC
IC802	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC803	6-702-688-01	s	IC M24C64-WMN6T(B)
IC805	8-759-533-85	s	IC L88M05T-FA-TL
IC903	8-759-681-47	s	IC IRMF-A0T-QTP
IC905	8-759-388-31	s	IC PQ20VZ1U

(C BOARD(VPL-CS5A/CS6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
IC906	8-759-388-31	s	IC PQ20VZ1U
IC907	8-759-533-85	s	IC L88M05T-FA-TL
IC908	8-759-388-31	s	IC PQ20VZ1U
IC1101	8-759-714-09	s	IC ADXL202JE-REEL
IC1102	8-759-548-96	s	IC SN74LV02APWR
IC1103	8-759-352-94	s	IC TDA7309D013TR
IC1104	8-759-460-79	s	IC BA09FP-E2
IC1105	8-759-580-33	s	IC BA6288FS-E2
IC1106	6-702-697-01	s	IC TPA2001D1PWR
IC1108	8-759-575-16	s	IC LMC7101BIM5X
IC1109	8-759-533-85	s	IC L88M05T-FA-TL
J1001	1-779-677-11	s	CONNECTOR, USB (B)
L100	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L101	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L201	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L202	1-469-526-11	s	INDUCTOR 22UH (NLFV25)
L300	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L471	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L501	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L502	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L503	1-414-078-11	s	INDUCTOR 10UH
L601	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L602	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L603	1-414-078-11	s	INDUCTOR 10UH
L701	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L702	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L703	1-414-078-11	s	INDUCTOR 10UH
L1101	1-412-028-11	s	INDUCTOR,CHIP 4.7UH (3225)
Q100	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q101	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q102	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q103	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q104	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q105	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q301	8-729-047-32	s	TRANSISTOR SI4425DY-T1
Q302	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q402	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q450	8-729-907-00	s	TRANSISTOR DTC114EU
Q471	8-729-013-26	s	TRANSISTOR HN1C03FU-TE85R
Q501	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q502	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q601	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q602	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q701	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q702	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q800	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q801	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q901	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q902	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q903	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q904	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q1104	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R103	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R104	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R105	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R107	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R108	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)

(C BOARD(VPL-CS5A/CS6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
R109	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R110	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R111	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R112	1-218-937-11	s	RESISTOR, CHIP 47
R113	1-218-937-11	s	RESISTOR, CHIP 47
R114	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R115	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R116	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R117	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R119	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R120	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R122	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R123	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R124	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R125	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R128	1-218-937-11	s	RESISTOR, CHIP 47
R130	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R131	1-218-937-11	s	RESISTOR, CHIP 47
R132	1-218-937-11	s	RESISTOR, CHIP 47
R133	1-218-937-11	s	RESISTOR, CHIP 47
R134	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R135	1-218-937-11	s	RESISTOR, CHIP 47
R136	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R137	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R138	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R141	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R142	1-218-959-11	s	RESISTOR, CHIP 3.3K
R144	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R145	1-218-937-11	s	RESISTOR, CHIP 47
R146	1-218-937-11	s	RESISTOR, CHIP 47
R147	1-218-937-11	s	RESISTOR, CHIP 47
R148	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R151	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R152	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R153	1-218-937-11	s	RESISTOR, CHIP 47
R155	1-218-937-11	s	RESISTOR, CHIP 47
R156	1-218-937-11	s	RESISTOR, CHIP 47
R157	1-218-937-11	s	RESISTOR, CHIP 47
R159	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R160	1-218-937-11	s	RESISTOR, CHIP 47
R161	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R163	1-218-937-11	s	RESISTOR, CHIP 47
R164	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R165	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R166	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R167	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R168	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R169	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R170	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R171	1-208-701-11	s	RESISTOR CHIP 5.6K 1/16W(1005)
R172	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R173	1-218-937-11	s	RESISTOR, CHIP 47
R174	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R175	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R176	1-208-689-11	s	RESISTOR CHIP 1.8K 1/16W(1005)
R177	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R178	1-208-693-11	s	RESISTOR CHIP 2.7K 1/16W(1005)
R179	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R180	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R181	1-218-981-11	s	RESISTOR CHIP 220K 1/16W(1005)

(C BOARD(VPL-CS5A/CS6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
R207	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R208	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R209	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R211	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R212	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R213	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R220	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R222	1-218-937-11	s	RESISTOR, CHIP 47
R223	1-218-937-11	s	RESISTOR, CHIP 47
R224	1-218-937-11	s	RESISTOR, CHIP 47
R229	1-218-941-81	s	C-RES,V 100-1/16W J
R230	1-218-941-81	s	C-RES,V 100-1/16W J
R231	1-218-941-81	s	C-RES,V 100-1/16W J
R233	1-218-941-81	s	C-RES,V 100-1/16W J
R236	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R238	1-218-941-81	s	C-RES,V 100-1/16W J
R249	1-218-941-81	s	C-RES,V 100-1/16W J
R251	1-218-941-81	s	C-RES,V 100-1/16W J
R252	1-218-937-11	s	RESISTOR, CHIP 47
R253	1-218-937-11	s	RESISTOR, CHIP 47
R254	1-218-937-11	s	RESISTOR, CHIP 47
R255	1-218-941-81	s	C-RES,V 100-1/16W J
R256	1-218-941-81	s	C-RES,V 100-1/16W J
R257	1-218-937-11	s	RESISTOR, CHIP 47
R267	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R301	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R302	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R304	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R305	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R306	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R309	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R310	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R312	1-218-941-81	s	C-RES,V 100-1/16W J
R313	1-218-937-11	s	RESISTOR, CHIP 47
R314	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R315	1-218-959-11	s	RESISTOR, CHIP 3.3K
R316	1-218-959-11	s	RESISTOR, CHIP 3.3K
R317	1-218-941-81	s	C-RES,V 100-1/16W J
R318	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R322	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R325	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R326	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R327	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R328	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R331	1-218-941-81	s	C-RES,V 100-1/16W J
R332	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R334	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R335	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R401	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R402	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R403	1-218-941-81	s	C-RES,V 100-1/16W J
R404	1-218-941-81	s	C-RES,V 100-1/16W J
R405	1-218-941-81	s	C-RES,V 100-1/16W J
R406	1-218-941-81	s	C-RES,V 100-1/16W J
R407	1-218-941-81	s	C-RES,V 100-1/16W J
R408	1-218-941-81	s	C-RES,V 100-1/16W J
R409	1-218-937-11	s	RESISTOR, CHIP 47
R410	1-218-937-11	s	RESISTOR, CHIP 47
R411	1-218-937-11	s	RESISTOR, CHIP 47

(C BOARD(VPL-CS5A/CS6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
R419	1-218-937-11	s	RESISTOR, CHIP 47
R420	1-218-937-11	s	RESISTOR, CHIP 47
R421	1-218-937-11	s	RESISTOR, CHIP 47
R422	1-218-937-11	s	RESISTOR, CHIP 47
R423	1-218-937-11	s	RESISTOR, CHIP 47
R424	1-218-937-11	s	RESISTOR, CHIP 47
R425	1-218-937-11	s	RESISTOR, CHIP 47
R426	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R427	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R428	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R429	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R430	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R431	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R450	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R451	1-218-941-81	s	C-RES,V 100-1/16W J
R452	1-218-937-11	s	RESISTOR, CHIP 47
R471	1-218-941-81	s	C-RES,V 100-1/16W J
R472	1-218-941-81	s	C-RES,V 100-1/16W J
R473	1-218-941-81	s	C-RES,V 100-1/16W J
R474	1-218-941-81	s	C-RES,V 100-1/16W J
R475	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R476	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R477	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R478	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R501	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R507	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R508	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R521	1-218-941-81	s	C-RES,V 100-1/16W J
R522	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R523	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R524	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R525	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R528	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R550	1-208-711-11	s	RESISTOR CHIP 15K 1/16W (1005)
R551	1-218-744-11	s	RESISTOR,CHIP 150K 1/16W
R552	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R553	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R554	1-219-598-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R555	1-208-711-11	s	RESISTOR CHIP 15K 1/16W (1005)
R556	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R601	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R607	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R608	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R621	1-218-941-81	s	C-RES,V 100-1/16W J
R622	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R623	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R624	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R625	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R628	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R701	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R707	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R708	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R721	1-218-941-81	s	C-RES,V 100-1/16W J
R722	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R723	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R724	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R725	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R728	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R800	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)

(C BOARD(VPL-CS5A/CS6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
R801	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R803	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R805	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R806	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R809	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R810	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R813	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R814	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R815	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R816	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R817	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R818	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R819	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R820	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R821	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R822	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R823	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R825	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R826	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R827	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R828	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R829	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R830	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R832	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R833	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R834	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R835	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R836	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R838	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R839	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R840	1-218-941-81	s	C-RES,V 100-1/16W J
R841	1-218-941-81	s	C-RES,V 100-1/16W J
R842	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R843	1-218-958-11	s	RESISTOR,CHIP 2.7K 1/16W(1005)
R844	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R845	1-218-941-81	s	C-RES,V 100-1/16W J
R846	1-218-941-81	s	C-RES,V 100-1/16W J
R847	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R848	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R850	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R851	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R852	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R853	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R854	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R904	1-218-941-81	s	C-RES,V 100-1/16W J
R905	1-218-941-81	s	C-RES,V 100-1/16W J
R906	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R907	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R908	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R909	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R910	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R911	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R912	1-218-962-11	s	RESISTOR,CHIP 5.6K 1/16W(1005)
R913	1-218-941-81	s	C-RES,V 100-1/16W J
R914	1-218-941-81	s	C-RES,V 100-1/16W J
R915	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R916	1-218-959-11	s	RESISTOR, CHIP 3.3K
R919	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R920	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)

(C BOARD(VPL-CS5A/CS6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
R921	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R922	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R923	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R924	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R925	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R926	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R927	1-218-941-81	s	C-RES,V 100-1/16W J
R928	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R929	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R930	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R931	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R932	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R933	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R934	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R936	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R937	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R938	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R939	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R941	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R942	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R943	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R944	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R946	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R947	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R948	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R949	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R950	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R951	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R1101	1-218-917-11	s	RESISTOR,CHIP 820K 1/10W(1608)
R1102	1-218-941-81	s	C-RES,V 100-1/16W J
R1104	1-218-941-81	s	C-RES,V 100-1/16W J
R1106	1-218-941-81	s	C-RES,V 100-1/16W J
R1108	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1109	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1117	1-218-941-81	s	C-RES,V 100-1/16W J
R1118	1-218-941-81	s	C-RES,V 100-1/16W J
R1120	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1121	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1122	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1124	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1125	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1126	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1128	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1129	1-218-978-11	s	RESISTOR,CHIP 120K 1/16W(1005)
R1130	1-216-296-00	s	CONDUCTOR, CHIP (3216)
R1131	1-216-296-00	s	CONDUCTOR, CHIP (3216)
R1132	1-218-941-81	s	C-RES,V 100-1/16W J
R1133	1-218-941-81	s	C-RES,V 100-1/16W J
R1146	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
RB100	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB101	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB102	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB103	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB104	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB105	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB200	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB201	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB202	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB203	1-234-369-21	s	RES, NETWORK 10X4 (1005)

(C BOARD(VPL-CS5A/CS6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
RB205	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB300	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB301	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB302	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB303	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB304	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB305	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB401	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB402	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB403	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB404	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB405	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB406	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB450	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB451	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB452	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB453	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB454	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB471	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB472	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB473	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB501	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB502	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB601	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB602	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB701	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB702	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB800	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB801	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB802	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB803	1-234-375-21	s	RES, NETWORK 1KX4 (1005)
RB804	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB805	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB806	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB807	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB808	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB809	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB810	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB811	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB813	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB814	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB815	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB816	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB817	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB818	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB819	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB821	1-234-372-11	s	RES, NETWORK 100X4 (1005)
S401	1-771-337-21	s	SWITCH, SLIDE
TH800	1-803-382-11	s	THERMISTOR (10K)
TH1101	1-803-615-11	s	THERMISTOR, POSITIVE
X200	1-795-692-11	s	VIBRATOR, CRYSTAL (24.576MHz)
X300	1-795-650-21	s	VIBRATOR, CRYSTAL (16.384MHz)
X800	1-795-650-21	s	VIBRATOR, CRYSTAL (16.384MHz)

C BOARD(VPL-CX6 ONLY)

Ref. No. or Q'ty	Part No.	SP	Description

Note:
*1 If IC203, IC406 and IC801 becomes defective, replace the entire C board.

1pc	A-1302-318-A	s	MOUNTED CIRCUIT BOARD, C
C100	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C101	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C102	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C103	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C104	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C105	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C106	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C107	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C108	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C109	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C111	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C112	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C113	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C114	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C115	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C116	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C117	1-137-987-81	s	CAPACITOR,C.CERAMIC 0.068MF
C118	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C119	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C120	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C121	1-165-871-11	s	CAPACITOR,ELECT 22MF
C122	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C123	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C124	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C125	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C126	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C127	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C128	1-125-837-91	s	CAP, CHIP CERAMIC 1MF
C129	1-165-871-11	s	CAPACITOR,ELECT 22MF
C130	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C131	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C132	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C133	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C134	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C135	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C136	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C137	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C138	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C139	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C140	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C141	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C142	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C143	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C144	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C145	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C146	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C147	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C148	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C149	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C150	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C151	1-164-173-11	s	CAPACITOR,CERAMIC 3900PF/50V B
C152	1-135-995-91	s	CAP,CHIP CERAMIC39000PF B 1608
C153	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C154	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C155	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF

(C BOARD(VPL-CX6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
C156	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C157	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C158	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C159	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C160	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C161	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C162	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C163	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C164	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C165	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C166	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C200	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C201	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C204	1-126-209-11	s	CAPACITOR,ELECT 100MF/4V
C206	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C207	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C208	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C209	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C210	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C211	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C215	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C216	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C217	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C218	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C219	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C220	1-126-246-11	s	CAPACITOR ELECT 220MF/4V(CHIP)
C221	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C222	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C223	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C224	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C225	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C226	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C227	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C228	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C229	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C230	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C233	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C234	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C245	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C260	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C261	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C262	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C263	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C300	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C302	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C303	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C304	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C305	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C306	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C307	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C308	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C309	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C310	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C311	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C312	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C314	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C315	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C316	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C317	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F

(C BOARD(VPL-CX6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
C318	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C319	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C320	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C321	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C322	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C323	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C324	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C325	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C328	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C329	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C330	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C331	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C332	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C333	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C334	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C335	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C336	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C337	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C338	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C339	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C340	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C341	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C342	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C343	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C401	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C402	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C403	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C404	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C406	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C407	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C408	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C409	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C410	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C411	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C412	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C413	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C414	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C415	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C416	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C450	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C451	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C452	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C471	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C472	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C473	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C474	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C475	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C501	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C502	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C503	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C504	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C505	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C506	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C507	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C508	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C509	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C510	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C511	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C512	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

(C BOARD(VPL-CX6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
C513	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C514	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C515	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C516	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C517	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C518	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C519	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C520	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C521	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C550	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C552	1-115-340-11	s	CAPACITOR CERAMIC 0.22MF/25V B
C553	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C554	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C555	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C601	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C602	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C603	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C604	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C605	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C606	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C607	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C608	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C609	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C610	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C611	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C612	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C613	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C614	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C615	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C616	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C617	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C618	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C619	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C620	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C621	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C701	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C702	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C703	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C704	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C705	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C706	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C707	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C708	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C709	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C710	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C711	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C712	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C713	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C714	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C715	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C716	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C717	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C718	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C719	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C720	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C721	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C800	1-124-778-00	s	CAPACITOR,ELECT 22MF/6.3V
C801	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C802	1-165-871-11	s	CAPACITOR,ELECT 22MF

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Ref. No. or Q'ty	Part No.	SP	Description
C803	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C804	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C805	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C806	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C807	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C808	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C809	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C810	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C811	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C812	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C813	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C814	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C816	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C817	1-124-778-00	s	CAPACITOR,ELECT 22MF/6.3V
C818	1-164-940-11	s	CAPACITOR,CHIP CERAMIC 3300/16
C819	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C820	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C821	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C822	1-164-940-11	s	CAPACITOR,CHIP CERAMIC 3300/16
C903	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C904	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C905	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C906	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C908	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C910	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C911	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C913	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C914	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C915	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C916	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C917	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C918	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C919	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C920	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C921	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C922	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C1026	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C1101	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1102	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C1103	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C1104	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1105	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C1106	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1107	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1108	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1109	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1110	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1111	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1112	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1113	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1114	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1115	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1116	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1117	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1118	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1119	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1120	1-117-370-11	s	CAPACITOR CERAMIC 10MF (3216)
C1124	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C1125	1-107-682-11	s	CAPACITOR,CHIP 1MF/16V (3216)

(C BOARD(VPL-CX6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
C1126	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C1127	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C1128	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C1137	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C1138	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1140	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1143	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1144	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1145	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1146	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
CN100	1-784-828-11	s	CONNECTOR, D SUB
CN201	1-770-629-21	s	PIN, CONNECTOR 12P
CN202	1-785-613-11	o	CONNECTOR, FFC/FPC 50P
CN401	1-770-621-21	s	PIN, CONNECTOR 4P
CN501	1-794-823-11	s	CONNECTOR (ZIF), FPC/FFC 32P
CN601	1-794-823-11	s	CONNECTOR (ZIF), FPC/FFC 32P
CN701	1-794-823-11	s	CONNECTOR (ZIF), FPC/FFC 32P
CN800	1-770-629-21	s	PIN, CONNECTOR 12P
CN901	1-770-621-21	s	PIN, CONNECTOR 4P
CN903	1-691-491-21	s	CONNECTOR, FFC/FPC 12P
CN904	1-764-829-11	o	CONNECTOR, FPC 24P
CN906	1-580-055-21	o	PIN, CONNECTOR 2P
CN907	1-770-624-21	s	PIN, CONNECTOR 7P
CN908	1-580-056-21	s	PIN,CONNECTOR 3P
CN909	1-580-056-21	s	PIN,CONNECTOR 3P
CN910	1-580-056-21	s	PIN,CONNECTOR 3P
CN911	1-580-056-21	s	PIN,CONNECTOR 3P
CN912	1-580-056-21	s	PIN,CONNECTOR 3P
CN913	1-778-336-21	s	PIN, CONNECTOR (PC BOARD) 14P
CN914	1-770-622-21	s	PIN, CONNECTOR 5P
CN915	1-770-623-21	s	PIN, CONNECTOR 6P
CN1101	1-569-775-21	o	PIN, CONNECTOR 5P
CN1102	1-580-055-21	o	PIN, CONNECTOR 2P
D100	8-719-073-11	s	DIODE BZA456A
D101	8-719-024-77	s	DIODE HN1D03FU-TE85L
D102	8-719-059-53	s	DIODE MA3J14700LSO
D103	8-719-059-53	s	DIODE MA3J14700LSO
D104	8-719-059-53	s	DIODE MA3J14700LSO
D105	8-719-988-61	s	DIODE 1SS355TE-17
D106	8-719-988-61	s	DIODE 1SS355TE-17
D200	8-719-059-53	s	DIODE MA3J14700LSO
D201	8-719-059-53	s	DIODE MA3J14700LSO
D202	8-719-059-53	s	DIODE MA3J14700LSO
D300	8-719-941-86	s	DIODE DAN202U
D800	8-719-024-77	s	DIODE HN1D03FU-TE85L
D901	8-719-941-86	s	DIODE DAN202U
D902	8-719-941-86	s	DIODE DAN202U
D903	8-719-941-86	s	DIODE DAN202U
D904	8-719-073-11	s	DIODE BZA456A
D905	8-719-083-58	s	DIODE UDZSTE-173.9B
D906	8-719-055-30	s	DIODE D1FS4A-TA
D907	8-719-055-30	s	DIODE D1FS4A-TA
D908	8-719-054-58	s	DIODE D1F20-TL
D909	8-719-055-30	s	DIODE D1FS4A-TA
D1008	8-719-083-58	s	DIODE UDZSTE-173.9B
D1009	8-719-083-58	s	DIODE UDZSTE-173.9B
FB100	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB101	1-414-921-11	s	INDUCTOR, FERRITE BEAD

(C BOARD(VPL-CX6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
FB102	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB200	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB201	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB300	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB301	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB302	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB303	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB401	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB402	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB403	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB404	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB405	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB450	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB451	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB452	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB471	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB502	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB503	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB550	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB552	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB602	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB603	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB702	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB703	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB800	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB901	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB902	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB903	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB904	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB905	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB906	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB907	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB908	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB909	1-239-899-21	s	FILTER, CHIP EMI
FB910	1-239-899-21	s	FILTER, CHIP EMI
FB911	1-239-899-21	s	FILTER, CHIP EMI
FB912	1-239-899-21	s	FILTER, CHIP EMI
FB913	1-239-899-21	s	FILTER, CHIP EMI
FB914	1-239-899-21	s	FILTER, CHIP EMI
FB915	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB916	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB917	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB918	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB920	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB921	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB922	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB923	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB924	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB925	1-469-670-11	o	FERRITE, EMI (SMD)
FB926	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB927	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB928	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB929	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB930	1-239-899-21	s	FILTER, CHIP EMI
FB931	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB932	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB933	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB934	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB935	1-414-921-11	s	INDUCTOR, FERRITE BEAD

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Ref. No. or Q'ty	Part No.	SP	Description
FB936	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB937	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB938	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB939	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB940	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB941	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB942	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB943	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB944	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB945	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB946	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB947	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB948	1-469-670-11	o	FERRITE, EMI (SMD)
FB1003	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB1005	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB1006	1-414-234-11	s	INDUCTOR,FERRITE BEAD
FB1007	1-414-234-11	s	INDUCTOR,FERRITE BEAD
FB1102	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1103	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1104	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1106	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1107	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FL201	1-239-899-21	s	FILTER, CHIP EMI
FL202	1-239-897-12	s	FILTER, EMI (SMD)
IC100	8-759-661-55	s	IC ST24FC21M6TR
IC101	8-759-533-85	s	IC L88M05T-FA-TL
IC102	8-759-646-02	s	IC M52347FP-TE
IC103	8-759-460-72	s	IC BA033FP
IC104	8-759-659-65	s	IC LP2985IM5X-3.3
IC105	6-702-807-01	s	IC AD9883AKST-140
IC202	8-759-460-72	s	IC BA033FP
IC203	*1		IC
IC204	8-759-549-14	s	IC SN74LV244APWR
IC205	8-759-549-07	s	IC SN74LV157APWR
IC206	8-759-659-65	s	IC LP2985IM5X-3.3
IC301	8-759-582-37	s	IC PQ2TZ15U
IC303	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC304	8-759-548-96	s	IC SN74LV02APWR
IC305	6-702-596-01	s	IC ICS332-SX1735
IC306	8-759-549-01	s	IC SN74LV125APWR
IC307	6-803-210-01	s	IC MBM29LV800TA-70PFTN-1752
IC401	8-759-669-41	s	IC SN74LVC125APWR-12
IC403	8-759-447-77	s	IC TC7WH74FU (TE12R)
IC404	8-759-548-95	s	IC SN74LV00APWR
IC405	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC406	*1		IC
IC450	8-759-679-58	s	IC SN74AHCT541PWR
IC451	8-759-679-58	s	IC SN74AHCT541PWR
IC452	8-759-649-32	s	IC SN74AHCT1G04DCKR
IC471	8-759-542-46	s	IC M62392FP
IC501	8-752-103-41	s	IC CXA3562AR-T6
IC550	8-759-252-41	s	IC TK11900MTL
IC551	8-759-388-31	s	IC PQ20VZ1U
IC601	8-752-103-41	s	IC CXA3562AR-T6
IC701	8-752-103-41	s	IC CXA3562AR-T6
IC800	8-759-652-56	s	IC BA033F-E2
IC801	*1		IC
IC802	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC803	6-702-688-01	s	IC M24C64-WMN6T(B)

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Ref. No. or Q'ty	Part No.	SP	Description
IC805	8-759-533-85	s	IC L88M05T-FA-TL
IC903	8-759-681-47	s	IC IRMF-A0T-QTP
IC905	8-759-388-31	s	IC PQ20VZ1U
IC906	8-759-388-31	s	IC PQ20VZ1U
IC907	8-759-533-85	s	IC L88M05T-FA-TL
IC908	8-759-388-31	s	IC PQ20VZ1U
IC1101	8-759-714-09	s	IC ADXL202JE-REEL
IC1102	8-759-548-96	s	IC SN74LV02APWR
IC1103	8-759-352-94	s	IC TDA7309D013TR
IC1104	8-759-460-79	s	IC BA09FP-E2
IC1105	8-759-580-33	s	IC BA6288FS-E2
IC1106	6-702-697-01	s	IC TPA2001D1PWR
IC1108	8-759-575-16	s	IC LMC7101BIM5X
IC1109	8-759-533-85	s	IC L88M05T-FA-TL
J1001	1-779-677-11	s	CONNECTOR, USB (B)
L100	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L101	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L201	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L202	1-469-526-11	s	INDUCTOR 22UH (NLFV25)
L300	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L471	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L501	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L502	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L503	1-414-078-11	s	INDUCTOR 10UH
L601	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L602	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L603	1-414-078-11	s	INDUCTOR 10UH
L701	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L702	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L703	1-414-078-11	s	INDUCTOR 10UH
L1101	1-412-028-11	s	INDUCTOR,CHIP 4.7UH (3225)
Q100	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q101	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q102	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q103	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q104	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q105	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q301	8-729-047-32	s	TRANSISTOR SI4425DY-T1
Q302	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q402	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q450	8-729-907-00	s	TRANSISTOR DTC114EU
Q471	8-729-013-26	s	TRANSISTOR HN1C03FU-TE85R
Q501	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q502	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q601	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q602	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q701	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q702	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q800	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q801	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q901	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q902	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q903	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q904	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q1104	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R103	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R104	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R105	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R107	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R108	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R109	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R110	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R111	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R112	1-218-937-11	s	RESISTOR, CHIP 47
R113	1-218-937-11	s	RESISTOR, CHIP 47
R114	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R115	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R116	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R117	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R119	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R120	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R122	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R123	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R124	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R125	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R128	1-218-937-11	s	RESISTOR, CHIP 47
R130	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R131	1-218-937-11	s	RESISTOR, CHIP 47
R132	1-218-937-11	s	RESISTOR, CHIP 47
R133	1-218-937-11	s	RESISTOR, CHIP 47
R134	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R135	1-218-937-11	s	RESISTOR, CHIP 47
R136	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R137	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R138	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R141	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R142	1-218-959-11	s	RESISTOR, CHIP 3.3K
R144	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R145	1-218-937-11	s	RESISTOR, CHIP 47
R146	1-218-937-11	s	RESISTOR, CHIP 47
R147	1-218-937-11	s	RESISTOR, CHIP 47
R148	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R151	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R152	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R153	1-218-937-11	s	RESISTOR, CHIP 47
R155	1-218-937-11	s	RESISTOR, CHIP 47
R156	1-218-937-11	s	RESISTOR, CHIP 47
R157	1-218-937-11	s	RESISTOR, CHIP 47
R159	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R160	1-218-937-11	s	RESISTOR, CHIP 47
R161	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R163	1-218-937-11	s	RESISTOR, CHIP 47
R164	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R165	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R166	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R167	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R168	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R169	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R170	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R171	1-208-701-11	s	RESISTOR CHIP 5.6K 1/16W(1005)
R172	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R173	1-218-937-11	s	RESISTOR, CHIP 47
R174	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R175	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R176	1-208-689-11	s	RESISTOR CHIP 1.8K 1/16W(1005)
R177	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R178	1-208-693-11	s	RESISTOR CHIP 2.7K 1/16W(1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R179	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R180	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R181	1-218-981-11	s	RESISTOR CHIP 220K 1/16W(1005)
R207	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R208	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R209	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R211	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R212	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R213	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R220	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R222	1-218-937-11	s	RESISTOR, CHIP 47
R223	1-218-937-11	s	RESISTOR, CHIP 47
R224	1-218-937-11	s	RESISTOR, CHIP 47
R229	1-218-941-81	s	C-RES,V 100-1/16W J
R230	1-218-941-81	s	C-RES,V 100-1/16W J
R231	1-218-941-81	s	C-RES,V 100-1/16W J
R233	1-218-941-81	s	C-RES,V 100-1/16W J
R236	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R238	1-218-941-81	s	C-RES,V 100-1/16W J
R249	1-218-941-81	s	C-RES,V 100-1/16W J
R251	1-218-941-81	s	C-RES,V 100-1/16W J
R252	1-218-937-11	s	RESISTOR, CHIP 47
R253	1-218-937-11	s	RESISTOR, CHIP 47
R254	1-218-937-11	s	RESISTOR, CHIP 47
R255	1-218-941-81	s	C-RES,V 100-1/16W J
R256	1-218-941-81	s	C-RES,V 100-1/16W J
R257	1-218-937-11	s	RESISTOR, CHIP 47
R267	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R301	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R302	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R304	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R305	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R306	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R309	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R310	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R312	1-218-941-81	s	C-RES,V 100-1/16W J
R313	1-218-937-11	s	RESISTOR, CHIP 47
R314	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R315	1-218-959-11	s	RESISTOR, CHIP 3.3K
R316	1-218-959-11	s	RESISTOR, CHIP 3.3K
R317	1-218-941-81	s	C-RES,V 100-1/16W J
R318	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R322	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R325	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R326	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R327	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R328	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R331	1-218-941-81	s	C-RES,V 100-1/16W J
R333	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R334	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R335	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R401	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R402	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R403	1-218-941-81	s	C-RES,V 100-1/16W J
R404	1-218-941-81	s	C-RES,V 100-1/16W J
R405	1-218-941-81	s	C-RES,V 100-1/16W J
R406	1-218-941-81	s	C-RES,V 100-1/16W J
R407	1-218-941-81	s	C-RES,V 100-1/16W J
R408	1-218-941-81	s	C-RES,V 100-1/16W J

(C BOARD(VPL-CX6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
R409	1-218-937-11	s	RESISTOR, CHIP 47
R410	1-218-937-11	s	RESISTOR, CHIP 47
R411	1-218-937-11	s	RESISTOR, CHIP 47
R419	1-218-937-11	s	RESISTOR, CHIP 47
R420	1-218-937-11	s	RESISTOR, CHIP 47
R421	1-218-937-11	s	RESISTOR, CHIP 47
R422	1-218-937-11	s	RESISTOR, CHIP 47
R423	1-218-937-11	s	RESISTOR, CHIP 47
R424	1-218-937-11	s	RESISTOR, CHIP 47
R425	1-218-937-11	s	RESISTOR, CHIP 47
R426	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R427	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R428	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R429	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R430	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R431	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R450	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R451	1-218-941-81	s	C-RES,V 100-1/16W J
R452	1-218-937-11	s	RESISTOR, CHIP 47
R471	1-218-941-81	s	C-RES,V 100-1/16W J
R472	1-218-941-81	s	C-RES,V 100-1/16W J
R473	1-218-941-81	s	C-RES,V 100-1/16W J
R474	1-218-941-81	s	C-RES,V 100-1/16W J
R475	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R476	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R477	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R478	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R501	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R502	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R505	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R507	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R508	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R509	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R510	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R519	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R520	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R521	1-218-941-81	s	C-RES,V 100-1/16W J
R522	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R523	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R524	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R525	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R528	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R550	1-208-711-11	s	RESISTOR CHIP 15K 1/16W (1005)
R551	1-218-744-11	s	RESISTOR,CHIP 150K 1/16W
R552	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R553	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R554	1-219-598-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R555	1-208-711-11	s	RESISTOR CHIP 15K 1/16W (1005)
R556	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R601	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R602	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R605	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R607	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R608	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R609	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R610	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R619	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R620	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R621	1-218-941-81	s	C-RES,V 100-1/16W J

(C BOARD(VPL-CX6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
R622	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R623	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R624	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R625	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R628	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R701	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R702	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R705	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R707	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R708	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R709	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R710	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R719	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R720	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R721	1-218-941-81	s	C-RES,V 100-1/16W J
R722	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R723	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R724	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R725	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R728	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R800	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R801	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R802	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R803	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R805	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R807	1-218-941-81	s	C-RES,V 100-1/16W J
R808	1-218-941-81	s	C-RES,V 100-1/16W J
R809	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R810	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R813	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R814	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R815	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R816	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R817	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R818	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R819	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R820	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R821	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R822	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R823	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R825	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R826	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R827	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R828	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R829	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R830	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R832	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R833	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R834	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R835	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R836	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R838	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R839	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R840	1-218-941-81	s	C-RES,V 100-1/16W J
R841	1-218-941-81	s	C-RES,V 100-1/16W J
R842	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R843	1-218-958-11	s	RESISTOR,CHIP 2.7K 1/16W(1005)
R844	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R845	1-218-941-81	s	C-RES,V 100-1/16W J

(C BOARD(VPL-CX6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
R846	1-218-941-81	s	C-RES,V 100-1/16W J
R847	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R848	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R850	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R851	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R852	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R853	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R854	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R904	1-218-941-81	s	C-RES,V 100-1/16W J
R905	1-218-941-81	s	C-RES,V 100-1/16W J
R906	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R907	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R908	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R909	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R910	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R911	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R912	1-218-962-11	s	RESISTOR,CHIP 5.6K 1/16W(1005)
R913	1-218-941-81	s	C-RES,V 100-1/16W J
R914	1-218-941-81	s	C-RES,V 100-1/16W J
R915	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R916	1-218-959-11	s	RESISTOR, CHIP 3.3K
R919	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R920	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R921	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R922	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R923	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R924	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R925	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R926	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R927	1-218-941-81	s	C-RES,V 100-1/16W J
R928	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R929	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R930	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R931	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R932	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R933	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R934	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R936	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R937	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R938	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R939	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R941	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R942	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R943	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R944	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R946	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R947	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R948	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R949	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R950	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R951	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R1101	1-218-917-11	s	RESISTOR,CHIP 820K 1/10W(1608)
R1102	1-218-941-81	s	C-RES,V 100-1/16W J
R1104	1-218-941-81	s	C-RES,V 100-1/16W J
R1105	1-218-941-81	s	C-RES,V 100-1/16W J
R1106	1-218-941-81	s	C-RES,V 100-1/16W J
R1107	1-218-941-81	s	C-RES,V 100-1/16W J
R1108	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1109	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R1117	1-218-941-81	s	C-RES,V 100-1/16W J
R1118	1-218-941-81	s	C-RES,V 100-1/16W J
R1120	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1121	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1122	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1124	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1125	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1126	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1128	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1129	1-218-978-11	s	RESISTOR,CHIP 120K 1/16W(1005)
R1130	1-216-296-00	s	CONDUCTOR, CHIP (3216)
R1131	1-216-296-00	s	CONDUCTOR, CHIP (3216)
R1132	1-218-941-81	s	C-RES,V 100-1/16W J
R1133	1-218-941-81	s	C-RES,V 100-1/16W J
R1146	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
RB100	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB101	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB102	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB103	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB104	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB105	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB200	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB201	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB202	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB203	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB205	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB300	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB301	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB302	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB303	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB304	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB305	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB401	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB402	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB403	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB404	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB405	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB406	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB450	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB451	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB452	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB453	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB454	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB471	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB472	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB473	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB501	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB502	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB601	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB602	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB701	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB702	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB800	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB801	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB802	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB803	1-234-375-21	s	RES, NETWORK 1KX4 (1005)
RB804	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB805	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB806	1-234-372-11	s	RES, NETWORK 100X4 (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
RB807	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB808	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB809	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB810	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB811	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB813	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB814	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB815	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB816	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB817	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB818	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB819	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB821	1-234-372-11	s	RES, NETWORK 100X4 (1005)
S401	1-771-337-21	s	SWITCH, SLIDE
TH800	1-803-382-11	s	THERMISTOR (10K)
TH1101	1-803-615-11	s	THERMISTOR, POSITIVE
X200	1-795-692-11	s	VIBRATOR, CRYSTAL (24.576MHz)
X300	1-795-650-21	s	VIBRATOR, CRYSTAL (16.384MHz)
X800	1-795-650-21	s	VIBRATOR, CRYSTAL (16.384MHz)

C BOARD(VPL-EX1 ONLY)

Ref. No. or Q'ty	Part No.	SP	Description

Note:
∗1 If IC203, IC406 and IC801 becomes defective, replace the entire C board.

1pc	A-1302-313-A	s	MOUNTED CIRCUIT BOARD, C
C100	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C101	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C102	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C103	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C104	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C105	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C106	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C107	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C108	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C109	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C111	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C112	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C113	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C114	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C115	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C116	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C117	1-137-987-81	s	CAPACITOR,C.CERAMIC 0.068MF
C118	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C119	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C120	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C121	1-165-871-11	s	CAPACITOR,ELECT 22MF
C122	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C123	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C124	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C125	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C126	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C127	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C128	1-125-837-91	s	CAP, CHIP CERAMIC 1MF
C129	1-165-871-11	s	CAPACITOR,ELECT 22MF
C130	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C131	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C132	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C133	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C134	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C135	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C136	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C137	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C138	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C139	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C140	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C141	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C142	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C143	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C144	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C145	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C146	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C147	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C148	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C149	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C150	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C151	1-164-173-11	s	CAPACITOR,CERAMIC 3900PF/50V B
C152	1-135-995-91	s	CAP,CHIP CERAMIC39000PF B 1608
C153	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C154	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C155	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF

(C BOARD(VPL-EX1 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
C156	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C157	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C158	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C159	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C160	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C161	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C162	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C163	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C164	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C165	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C166	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C200	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C201	1-164-854-11	s	CAPACITOR CERAMIC 15PF/16V CH
C204	1-126-209-11	s	CAPACITOR,ELECT 100MF/4V
C206	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C207	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C208	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C209	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C210	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C211	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C215	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C216	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C217	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C218	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C219	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C220	1-126-246-11	s	CAPACITOR ELECT 220MF/4V(CHIP)
C221	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C222	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C223	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C224	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C225	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C226	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C227	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C228	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C229	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C230	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C233	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C234	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C245	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C260	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C261	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C262	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C263	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C300	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C302	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C303	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C304	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C305	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C306	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C307	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C308	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C309	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C310	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C311	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C312	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C314	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C315	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C316	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C317	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F

(C BOARD(VPL-EX1 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
C318	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C319	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C320	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C321	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C322	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C323	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C324	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C325	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C328	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C329	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C330	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C331	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C332	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C333	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C334	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C335	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C336	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C337	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C338	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C339	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C340	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C341	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C342	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C343	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C401	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C402	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C403	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C404	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C406	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C407	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C408	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C409	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C410	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C411	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C412	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C413	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C414	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C415	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C416	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C450	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C451	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C452	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C471	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C472	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C473	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C474	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C475	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C501	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C502	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C503	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C504	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C505	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C506	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C507	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C508	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C509	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C510	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C511	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C512	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F

(C BOARD(VPL-EX1 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
C513	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C514	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C515	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C516	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C517	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C518	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C519	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C520	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C521	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C550	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C552	1-115-340-11	s	CAPACITOR CERAMIC 0.22MF/25V B
C553	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C554	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C555	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C601	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C602	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C603	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C604	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C605	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C606	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C607	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C608	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C609	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C610	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C611	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C612	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C613	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C614	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C615	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C616	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C617	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C618	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C619	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C620	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C621	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C701	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C702	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C703	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C704	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C705	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C706	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C707	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C708	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C709	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C710	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C711	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C712	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C713	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C714	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C715	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C716	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C717	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C718	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C719	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C720	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C721	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C800	1-124-778-00	s	CAPACITOR,ELECT 22MF/6.3V
C801	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C802	1-165-871-11	s	CAPACITOR,ELECT 22MF

(C BOARD(VPL-EX1 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
C803	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C804	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C805	1-127-772-11	s	CAPACTOR C,CERAMIC 33000PF B
C806	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C807	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C808	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C809	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/16
C810	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C811	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C812	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C813	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C814	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C816	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C817	1-124-778-00	s	CAPACITOR,ELECT 22MF/6.3V
C818	1-164-940-11	s	CAPACITOR,CHIP CERAMIC 3300/16
C819	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C820	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C821	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C822	1-164-940-11	s	CAPACITOR,CHIP CERAMIC 3300/16
C903	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C904	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C905	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C906	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C908	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C910	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C911	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C913	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C914	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C915	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C916	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C917	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C918	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C919	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C920	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C921	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C922	1-126-397-11	s	CAPACITOR ELECT 33MF/25V(CHIP)
C1026	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C1101	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1102	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C1103	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C1104	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1105	1-126-205-11	s	CAPACITOR,ELECT 47M/6.3
C1106	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1107	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1108	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1109	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1110	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1111	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1112	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1113	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1114	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1115	1-126-204-11	s	CAPACITOR, ELECT 47MF/16V(CHIP
C1116	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C1117	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1118	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1119	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1120	1-117-370-11	s	CAPACITOR CERAMIC 10MF (3216)
C1124	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C1125	1-107-682-11	s	CAPACITOR,CHIP 1MF/16V (3216)

(C BOARD(VPL-EX1 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
C1126	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C1127	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C1128	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C1137	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C1138	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1140	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1143	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1144	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
CN100	1-784-828-11	s	CONNECTOR, D SUB
CN201	1-770-629-21	s	PIN, CONNECTOR 12P
CN401	1-770-621-21	s	PIN, CONNECTOR 4P
CN501	1-794-823-11	s	CONNECTOR (ZIF), FPC/FFC 32P
CN601	1-794-823-11	s	CONNECTOR (ZIF), FPC/FFC 32P
CN701	1-794-823-11	s	CONNECTOR (ZIF), FPC/FFC 32P
CN800	1-770-629-21	s	PIN, CONNECTOR 12P
CN901	1-770-621-21	s	PIN, CONNECTOR 4P
CN903	1-691-491-21	s	CONNECTOR, FFC/FPC 12P
CN904	1-764-829-11	o	CONNECTOR, FPC 24P
CN906	1-580-055-21	o	PIN, CONNECTOR 2P
CN907	1-770-624-21	s	PIN, CONNECTOR 7P
CN908	1-580-056-21	s	PIN,CONNECTOR 3P
CN909	1-580-056-21	s	PIN,CONNECTOR 3P
CN910	1-580-056-21	s	PIN,CONNECTOR 3P
CN911	1-580-056-21	s	PIN,CONNECTOR 3P
CN912	1-580-056-21	s	PIN,CONNECTOR 3P
CN913	1-778-336-21	s	PIN, CONNECTOR (PC BOARD) 14P
CN914	1-770-622-21	s	PIN, CONNECTOR 5P
CN915	1-770-623-21	s	PIN, CONNECTOR 6P
CN1101	1-569-775-21	o	PIN, CONNECTOR 5P
CN1102	1-580-055-21	o	PIN, CONNECTOR 2P
D100	8-719-073-11	s	DIODE BZA456A
D101	8-719-024-77	s	DIODE HN1D03FU-TE85L
D102	8-719-059-53	s	DIODE MA3J14700LSO
D103	8-719-059-53	s	DIODE MA3J14700LSO
D104	8-719-059-53	s	DIODE MA3J14700LSO
D105	8-719-988-61	s	DIODE 1SS355TE-17
D106	8-719-988-61	s	DIODE 1SS355TE-17
D200	8-719-059-53	s	DIODE MA3J14700LSO
D201	8-719-059-53	s	DIODE MA3J14700LSO
D202	8-719-059-53	s	DIODE MA3J14700LSO
D300	8-719-941-86	s	DIODE DAN202U
D800	8-719-024-77	s	DIODE HN1D03FU-TE85L
D901	8-719-941-86	s	DIODE DAN202U
D902	8-719-941-86	s	DIODE DAN202U
D903	8-719-941-86	s	DIODE DAN202U
D904	8-719-073-11	s	DIODE BZA456A
D905	8-719-083-58	s	DIODE UDZSTE-173.9B
D906	8-719-055-30	s	DIODE D1FS4A-TA
D907	8-719-055-30	s	DIODE D1FS4A-TA
D1008	8-719-083-58	s	DIODE UDZSTE-173.9B
D1009	8-719-083-58	s	DIODE UDZSTE-173.9B
FB100	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB101	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB102	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB200	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB300	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB301	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S

(C BOARD(VPL-EX1 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
FB302	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB303	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB401	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB402	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB403	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB404	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB405	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB450	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB451	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB452	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB471	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB502	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB503	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB550	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB552	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB602	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB603	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB702	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB703	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB800	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB901	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB902	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB903	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB904	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB905	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB906	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB907	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB908	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB909	1-239-899-21	s	FILTER, CHIP EMI
FB910	1-239-899-21	s	FILTER, CHIP EMI
FB911	1-239-899-21	s	FILTER, CHIP EMI
FB912	1-239-899-21	s	FILTER, CHIP EMI
FB913	1-239-899-21	s	FILTER, CHIP EMI
FB914	1-239-899-21	s	FILTER, CHIP EMI
FB915	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB916	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB917	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB918	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB920	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB921	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB922	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB923	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB924	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB925	1-469-670-11	o	FERRITE, EMI (SMD)
FB926	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB927	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB928	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB929	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB930	1-239-899-21	s	FILTER, CHIP EMI
FB931	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB932	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB933	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB934	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB935	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB936	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB937	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB938	1-469-407-21	s	BEAD, FERRITE 0.5A100
FB939	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB940	1-469-407-21	s	BEAD, FERRITE 0.5A100

(C BOARD(VPL-EX1 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
FB941	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB942	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB943	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB944	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB945	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB946	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB947	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB948	1-469-670-11	o	FERRITE, EMI (SMD)
FB1003	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB1005	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB1006	1-414-234-11	s	INDUCTOR,FERRITE BEAD
FB1007	1-414-234-11	s	INDUCTOR,FERRITE BEAD
FB1102	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1103	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1104	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1106	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1107	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FL201	1-239-899-21	s	FILTER, CHIP EMI
FL202	1-239-897-12	s	FILTER, EMI (SMD)
IC100	8-759-661-55	s	IC ST24FC21M6TR
IC101	8-759-533-85	s	IC L88M05T-FA-TL
IC102	8-759-646-02	s	IC M52347FP-TE
IC103	8-759-460-72	s	IC BA033FP
IC104	8-759-659-65	s	IC LP2985IM5X-3.3
IC105	6-702-807-01	s	IC AD9883AKST-140
IC202	8-759-460-72	s	IC BA033FP
IC203	*1		IC
IC204	8-759-549-14	s	IC SN74LV244APWR
IC205	8-759-549-07	s	IC SN74LV157APWR
IC206	8-759-659-65	s	IC LP2985IM5X-3.3
IC301	8-759-582-37	s	IC PQ2TZ15U
IC303	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC304	8-759-548-96	s	IC SN74LV02APWR
IC305	6-702-596-01	s	IC ICS332-SX1735
IC306	8-759-549-01	s	IC SN74LV125APWR
IC307	6-803-210-01	s	IC MBM29LV800TA-70PFTN-1752
IC401	8-759-669-41	s	IC SN74LVC125APWR-12
IC403	8-759-447-77	s	IC TC7WH74FU (TE12R)
IC404	8-759-548-95	s	IC SN74LV00APWR
IC405	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC406	*1		IC
IC450	8-759-679-58	s	IC SN74AHCT541PWR
IC451	8-759-679-58	s	IC SN74AHCT541PWR
IC452	8-759-649-32	s	IC SN74AHCT1G04DCKR
IC471	8-759-542-46	s	IC M62392FP
IC501	8-752-103-41	s	IC CXA3562AR-T6
IC550	8-759-252-41	s	IC TK11900MTL
IC551	8-759-388-31	s	IC PQ20VZ1U
IC601	8-752-103-41	s	IC CXA3562AR-T6
IC701	8-752-103-41	s	IC CXA3562AR-T6
IC800	8-759-652-56	s	IC BA033F-E2
IC801	*1		IC
IC802	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC803	6-702-688-01	s	IC M24C64-WMN6T(B)
IC805	8-759-533-85	s	IC L88M05T-FA-TL
IC903	8-759-681-47	s	IC IRMF-A0T-QTP
IC905	8-759-388-31	s	IC PQ20VZ1U
IC906	8-759-388-31	s	IC PQ20VZ1U
IC907	8-759-533-85	s	IC L88M05T-FA-TL

(C BOARD(VPL-EX1 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
IC908	8-759-388-31	s	IC PQ20VZ1U
IC1101	8-759-714-09	s	IC ADXL202JE-REEL
IC1102	8-759-548-96	s	IC SN74LV02APWR
IC1103	8-759-352-94	s	IC TDA7309D013TR
IC1104	8-759-460-79	s	IC BA09FP-E2
IC1105	8-759-580-33	s	IC BA6288FS-E2
IC1106	6-702-697-01	s	IC TPA2001D1PWR
IC1108	8-759-575-16	s	IC LMC7101BIM5X
IC1109	8-759-533-85	s	IC L88M05T-FA-TL
J1001	1-779-677-11	s	CONNECTOR, USB (B)
L100	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L101	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L201	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L202	1-469-526-11	s	INDUCTOR 22UH (NLFV25)
L300	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L471	1-469-523-91	s	INDUCTOR 2.2UH (NLFV25)
L501	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L502	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L503	1-414-078-11	s	INDUCTOR 10UH
L601	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L602	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L603	1-414-078-11	s	INDUCTOR 10UH
L701	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L702	1-410-369-11	s	INDUCTOR,CHIP 1UH (3225)
L703	1-414-078-11	s	INDUCTOR 10UH
L1101	1-412-028-11	s	INDUCTOR,CHIP 4.7UH (3225)
Q100	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q101	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q102	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q103	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q104	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q105	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q301	8-729-047-32	s	TRANSISTOR SI4425DY-T1
Q302	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q402	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q450	8-729-907-00	s	TRANSISTOR DTC114EU
Q471	8-729-013-26	s	TRANSISTOR HN1C03FU-TE85R
Q501	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q502	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q601	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q602	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q701	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q702	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q800	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q801	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q901	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q902	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q903	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q904	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q1104	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R103	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R104	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R105	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R107	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R108	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R109	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R110	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R111	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W

(C BOARD(VPL-EX1 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
R112	1-218-937-11	s	RESISTOR, CHIP 47
R113	1-218-937-11	s	RESISTOR, CHIP 47
R114	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R115	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R116	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R117	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R119	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R120	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R122	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R123	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R124	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R125	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R128	1-218-937-11	s	RESISTOR, CHIP 47
R130	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R131	1-218-937-11	s	RESISTOR, CHIP 47
R132	1-218-937-11	s	RESISTOR, CHIP 47
R133	1-218-937-11	s	RESISTOR, CHIP 47
R134	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R135	1-218-937-11	s	RESISTOR, CHIP 47
R136	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R137	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R138	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R141	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R142	1-218-959-11	s	RESISTOR, CHIP 3.3K
R144	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R145	1-218-937-11	s	RESISTOR, CHIP 47
R146	1-218-937-11	s	RESISTOR, CHIP 47
R147	1-218-937-11	s	RESISTOR, CHIP 47
R148	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R151	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R152	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R153	1-218-937-11	s	RESISTOR, CHIP 47
R155	1-218-937-11	s	RESISTOR, CHIP 47
R156	1-218-937-11	s	RESISTOR, CHIP 47
R157	1-218-937-11	s	RESISTOR, CHIP 47
R159	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R160	1-218-937-11	s	RESISTOR, CHIP 47
R161	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R163	1-218-937-11	s	RESISTOR, CHIP 47
R164	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R165	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R166	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R167	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R168	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R169	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R170	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R171	1-208-701-11	s	RESISTOR CHIP 5.6K 1/16W(1005)
R172	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R173	1-218-937-11	s	RESISTOR, CHIP 47
R174	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R175	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R176	1-208-689-11	s	RESISTOR CHIP 1.8K 1/16W(1005)
R177	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R178	1-208-693-11	s	RESISTOR CHIP 2.7K 1/16W(1005)
R179	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R180	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R181	1-218-981-11	s	RESISTOR CHIP 220K 1/16W(1005)
R207	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R208	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)

(C BOARD(VPL-EX1 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
R209	1-211-975-11	s	RESISTOR,CHIP 18 1/10W (1608)
R211	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R212	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R213	1-211-987-11	s	RESISTOR,CHIP 56 1/10W (1608)
R220	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R222	1-218-937-11	s	RESISTOR, CHIP 47
R223	1-218-937-11	s	RESISTOR, CHIP 47
R224	1-218-937-11	s	RESISTOR, CHIP 47
R229	1-218-941-81	s	C-RES,V 100-1/16W J
R230	1-218-941-81	s	C-RES,V 100-1/16W J
R231	1-218-941-81	s	C-RES,V 100-1/16W J
R233	1-218-941-81	s	C-RES,V 100-1/16W J
R236	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R238	1-218-941-81	s	C-RES,V 100-1/16W J
R249	1-218-941-81	s	C-RES,V 100-1/16W J
R251	1-218-941-81	s	C-RES,V 100-1/16W J
R252	1-218-937-11	s	RESISTOR, CHIP 47
R253	1-218-937-11	s	RESISTOR, CHIP 47
R254	1-218-937-11	s	RESISTOR, CHIP 47
R255	1-218-941-81	s	C-RES,V 100-1/16W J
R256	1-218-941-81	s	C-RES,V 100-1/16W J
R257	1-218-937-11	s	RESISTOR, CHIP 47
R267	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R301	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R302	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R304	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R305	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R306	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R309	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R310	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R312	1-218-941-81	s	C-RES,V 100-1/16W J
R313	1-218-937-11	s	RESISTOR, CHIP 47
R314	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R315	1-218-959-11	s	RESISTOR, CHIP 3.3K
R316	1-218-959-11	s	RESISTOR, CHIP 3.3K
R317	1-218-941-81	s	C-RES,V 100-1/16W J
R318	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R322	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R325	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R326	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R327	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R328	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R331	1-218-941-81	s	C-RES,V 100-1/16W J
R333	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R334	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R335	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R401	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R402	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R403	1-218-941-81	s	C-RES,V 100-1/16W J
R404	1-218-941-81	s	C-RES,V 100-1/16W J
R405	1-218-941-81	s	C-RES,V 100-1/16W J
R406	1-218-941-81	s	C-RES,V 100-1/16W J
R407	1-218-941-81	s	C-RES,V 100-1/16W J
R408	1-218-941-81	s	C-RES,V 100-1/16W J
R409	1-218-937-11	s	RESISTOR, CHIP 47
R410	1-218-937-11	s	RESISTOR, CHIP 47
R411	1-218-937-11	s	RESISTOR, CHIP 47
R419	1-218-937-11	s	RESISTOR, CHIP 47
R420	1-218-937-11	s	RESISTOR, CHIP 47

(C BOARD(VPL-EX1 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
R421	1-218-937-11	s	RESISTOR, CHIP 47
R422	1-218-937-11	s	RESISTOR, CHIP 47
R423	1-218-937-11	s	RESISTOR, CHIP 47
R424	1-218-937-11	s	RESISTOR, CHIP 47
R425	1-218-937-11	s	RESISTOR, CHIP 47
R426	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R427	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R428	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R429	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R430	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R431	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R450	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R451	1-218-941-81	s	C-RES,V 100-1/16W J
R452	1-218-937-11	s	RESISTOR, CHIP 47
R471	1-218-941-81	s	C-RES,V 100-1/16W J
R472	1-218-941-81	s	C-RES,V 100-1/16W J
R473	1-218-941-81	s	C-RES,V 100-1/16W J
R474	1-218-941-81	s	C-RES,V 100-1/16W J
R475	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R476	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R477	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R478	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R501	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R502	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R505	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R507	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R508	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R509	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R510	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R519	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R520	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R521	1-218-941-81	s	C-RES,V 100-1/16W J
R522	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R523	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R524	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R525	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R528	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R550	1-208-711-11	s	RESISTOR CHIP 15K 1/16W (1005)
R551	1-218-744-11	s	RESISTOR,CHIP 150K 1/16W
R552	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R553	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R554	1-219-598-11	s	RESISTOR, CHIP 47K 1/16W(1005)
R555	1-208-711-11	s	RESISTOR CHIP 15K 1/16W (1005)
R556	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R601	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R602	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R605	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R607	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R608	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R609	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R610	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R619	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R620	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R621	1-218-941-81	s	C-RES,V 100-1/16W J
R622	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R623	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R624	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R625	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R628	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)

(C BOARD(VPL-EX1 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
R701	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R702	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R705	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R707	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R708	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R709	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R710	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R719	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R720	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R721	1-218-941-81	s	C-RES,V 100-1/16W J
R722	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R723	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R724	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R725	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R728	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R800	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R801	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R802	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R803	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R805	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R809	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R810	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R813	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R814	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R815	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R816	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R817	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R818	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R819	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R820	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R821	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R822	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R823	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R825	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R826	1-208-635-11	s	RESISTOR CHIP 10 1/16W (1005)
R827	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R828	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R829	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R830	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R832	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R833	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R834	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R835	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R836	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R838	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R839	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R840	1-218-941-81	s	C-RES,V 100-1/16W J
R841	1-218-941-81	s	C-RES,V 100-1/16W J
R842	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R843	1-218-958-11	s	RESISTOR,CHIP 2.7K 1/16W(1005)
R844	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R845	1-218-941-81	s	C-RES,V 100-1/16W J
R846	1-218-941-81	s	C-RES,V 100-1/16W J
R847	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R848	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R850	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R851	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R852	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R853	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R854	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R904	1-218-941-81	s	C-RES,V 100-1/16W J
R905	1-218-941-81	s	C-RES,V 100-1/16W J
R906	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R907	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R908	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R909	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R910	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R911	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R912	1-218-962-11	s	RESISTOR,CHIP 5.6K 1/16W(1005)
R913	1-218-941-81	s	C-RES,V 100-1/16W J
R914	1-218-941-81	s	C-RES,V 100-1/16W J
R915	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R916	1-218-959-11	s	RESISTOR, CHIP 3.3K
R919	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R920	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R921	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R922	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R923	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R924	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R925	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R926	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R927	1-218-941-81	s	C-RES,V 100-1/16W J
R928	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R929	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R930	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R931	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R932	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R933	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R934	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R936	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R937	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R938	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R939	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R941	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R942	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R943	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R944	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R946	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R947	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R948	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R949	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R950	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R951	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R954	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R955	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1101	1-218-917-11	s	RESISTOR,CHIP 820K 1/10W(1608)
R1102	1-218-941-81	s	C-RES,V 100-1/16W J
R1104	1-218-941-81	s	C-RES,V 100-1/16W J
R1106	1-218-941-81	s	C-RES,V 100-1/16W J
R1108	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1109	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1117	1-218-941-81	s	C-RES,V 100-1/16W J
R1118	1-218-941-81	s	C-RES,V 100-1/16W J
R1120	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1121	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1122	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1124	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1125	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R1126	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1128	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1129	1-218-978-11	s	RESISTOR,CHIP 120K 1/16W(1005)
R1130	1-216-296-00	s	CONDUCTOR, CHIP (3216)
R1131	1-216-296-00	s	CONDUCTOR, CHIP (3216)
R1132	1-218-941-81	s	C-RES,V 100-1/16W J
R1133	1-218-941-81	s	C-RES,V 100-1/16W J
R1146	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
RB100	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB101	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB102	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB103	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB104	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB105	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB200	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB201	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB202	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB203	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB205	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB300	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB301	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB302	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB303	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB304	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB305	1-234-369-21	s	RES, NETWORK 10X4 (1005)
RB401	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB402	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB403	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB404	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB405	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB406	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB450	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB451	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB452	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB453	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB454	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB471	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB472	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB473	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB501	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB502	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB601	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB602	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB701	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB702	1-234-523-21	s	RESISTOR,CHIP NETWORK
RB800	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB801	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB802	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB803	1-234-375-21	s	RES, NETWORK 1KX4 (1005)
RB804	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB805	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB806	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB807	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB808	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB809	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB810	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB811	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB813	1-234-372-11	s	RES, NETWORK 100X4 (1005)

(C BOARD(VPL-EX1 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
RB814	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB815	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB816	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB817	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB818	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB819	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB821	1-234-372-11	s	RES, NETWORK 100X4 (1005)
S401	1-771-337-21	s	SWITCH, SLIDE
TH800	1-803-382-11	s	THERMISTOR (10K)
TH1101	1-803-615-11	s	THERMISTOR, POSITIVE
X200	1-795-692-11	s	VIBRATOR, CRYSTAL (24.576MHz)
X300	1-795-650-21	s	VIBRATOR, CRYSTAL (16.384MHz)
X800	1-795-650-21	s	VIBRATOR, CRYSTAL (16.384MHz)

GA BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1302-315-A	s	MOUNTED CIRCUIT BOARD, GA
2pcs	7-682-949-09	s	SCREW +PSW 3X10(EP-FE/ZNBK/CM2 (IC2101,D2102)
C1101	⚠ 1-113-900-11	s	CAPACITOR,CERAMIC 470PF/250V
C1103	⚠ 1-117-916-51	s	CAP, METALIZED FILM 0.22MF
C1106	⚠ 1-113-900-11	s	CAPACITOR,CERAMIC 470PF/250V
C2004	⚠ 1-104-708-11	s	CAP, FILM 0.47MF/250VAC
C2101	1-117-228-11	s	CAPACITOR,FILM 2.2MF/450V
C2102	⚠ 1-117-751-11	s	CAPACITOR, ELECT 220MF/450V
C2103	1-137-477-11	s	CAPCITOR,FILM 0.47MF/400V
C2104	1-107-909-11	s	CAPACITOR,ELECT 47MF/50V
C2105	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C2106	1-115-340-11	s	CAPACITOR CERAMIC 0.22MF/25V B
C2107	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
CN1101	⚠ 1-793-305-11	s	INLET, AC (AC-M11PB52)
CN2001	⚠ 1-691-960-11	o	PIN,CONNECTOR (PC BOARD) 3P
CN2002	⚠ 1-691-960-11	o	PIN,CONNECTOR (PC BOARD) 3P
CN3501	⚠ 1-564-705-11	o	PIN,CONNECTOR (3P)
D2101	8-719-304-63	s	DIODE RM11C (RECTI)
D2102	⚠ 8-719-066-75	s	DIODE D6SB80
D2103	8-719-073-01	s	DIODE MA111-(K8).S0
D2104	8-719-073-01	s	DIODE MA111-(K8).S0
D2105	8-719-106-98	s	DIODE RD16M-B2
F1101	⚠ 1-576-233-11	s	FUSE (H.B.C.) 6.3A/250V
FH1101	1-533-223-11	s	CLIP,FUSE
FH1102	1-533-223-11	s	CLIP,FUSE
IC2101	8-749-015-27	s	IC MZ1540
L1101	⚠ 1-456-134-11	s	COIL, LINE FILTER 6.3mH
L1102	⚠ 1-424-485-11	s	FILTER,LINE 70uH
L2101	⚠ 1-456-133-11	s	COIL, CHOKE
L2101	1-456-133-21	s	COIL, CHOKE 200UH
L3204	1-419-763-11	s	COIL, CHOKE 220UH
Q2101	8-729-230-27	s	TRANSISTOR 2SA1213Y-TE12L
Q3601	8-729-230-27	s	TRANSISTOR 2SA1213Y-TE12L
R1101	⚠ 1-202-847-00	s	RESISTOR,SOLID 560K 1/2W
R2101	⚠ 1-211-748-11	s	RES, CEMENT-COATED (FUSE) 5.6
R2102	1-216-065-91	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R2104	1-220-273-11	s	RESISTOR, CHIP 1K 1/2W (4532)
R2105	1-220-273-11	s	RESISTOR, CHIP 1K 1/2W (4532)
R2106	1-216-063-91	s	RESISTOR,CHIP 3.9K 1/10W(2125)
R2107	1-216-065-91	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R2109	1-216-065-91	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R3206	1-245-415-11	s	RESISTOR, METAL PLATE
R3606	1-249-389-11	s	RES,CARBON 4.7 1/4W
R3608	1-216-057-00	s	RESISTOR CHIP 2.2K 1/10W(2012)
R3609	1-216-073-91	s	C-RES,S 10K-1/10W J
RY2101	⚠ 1-755-395-11	s	RELAY (AC POWER)
VD1101	⚠ 1-803-830-31	s	VARISTOR (ERZV14D621)

GB BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1302-316-A	s	MOUNTED CIRCUIT BOARD, GB
C3107	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C3108	1-136-479-11	s	CAPACITOR FILM 0.001MF/100V PP
C3109	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C3110	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C3111	1-109-994-11	s	CAPACITOR,CHIP CERAMIC 2.2MF B
C3112	1-126-967-11	s	CAPACITOR,ELECT 47MF/50V
C3113	1-130-495-00	s	CAPACITOR FILM 0.1MF/50V PETP
C3114	1-128-551-11	s	CAPACITOR ELECT 22MF/63V
C3119	1-137-753-11	s	CAPACITOR METALIZED 4700PF
C3120	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C3121	1-107-911-11	s	CAPACITOR,ELECT 220MF/50V
C3122	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3123	1-131-976-11	s	CAP, ELECT 820MF
C3125	1-128-946-11	s	CAP, ELECT 2200MF / 10V
C3126	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C3128	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C3130 ⚠	1-113-900-11	s	CAPACITOR,CERAMIC 470PF/250V
C3131	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3203	1-128-994-11	s	CAP, ELECT 47MF/10V
C3204	1-131-999-11	s	CAPACITOR,SOLID ELECT 150MF
C3205	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C3206	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C3207	1-115-340-11	s	CAPACITOR CERAMIC 0.22MF/25V B
C3209	1-115-156-11	s	CAPACITOR,CERAMIC 1MF/10V(1608
C3210	1-117-808-91	s	CAPACITOR,CERAMIC 10MF/10V(B)
C3211	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C3212	1-135-346-11	s	CAP, SOLID ELECT 39MF 16V
C3213	1-164-156-11	s	CAPACITOR,CERAMIC 0.1MF/25V F
C3214	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C3314	1-117-370-11	s	CAPACITOR CERAMIC 10MF (3216)
C3331	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3332	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
CN3201 ⚠	1-564-705-11	o	PIN,CONNECTOR (3P)
CN3301	1-764-782-11	o	HOUSING, CONNECTOR 24P
D3103	8-719-107-13	s	DIODE RD18M-B1
D3104	8-719-073-01	s	DIODE MA111-(K8).S0
D3107	8-719-979-64	s	DIODE UF4005PKG23
D3108	8-719-118-12	s	DIODE RD33M-B
D3109	8-719-073-52	s	DIODE D2FS6-TA
D3110	8-719-510-09	s	DIODE D10SC6M (RECTI)
D3112	8-719-510-12	s	DIODE D10SC4M
D3113	8-719-106-16	s	DIODE RD6.8M-B1
D3116	8-719-073-01	s	DIODE MA111-(K8).S0
D3118	8-719-073-01	s	DIODE MA111-(K8).S0
D3119	8-719-073-01	s	DIODE MA111-(K8).S0
D3121	8-719-073-01	s	DIODE MA111-(K8).S0
D3201	8-719-078-04	s	DIODE EC31QS03L-TE12L
D3202	8-719-058-24	s	DIODE RB501V-40TE17
D3203	8-719-078-04	s	DIODE EC31QS03L-TE12L
D3306	8-719-073-01	s	DIODE MA111-(K8).S0
D3307	8-719-073-01	s	DIODE MA111-(K8).S0
D3308	8-719-073-01	s	DIODE MA111-(K8).S0
FB3102	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB3103	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
IC3100	8-759-670-30	s	IC MCZ3001D

(GB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC3102	8-759-388-23	s	IC TL431BCDR2
IC3201	6-702-713-01	s	IC LT1765EFE
IC3202	8-759-713-98	s	IC LTC1772CS6
IC3301	8-759-066-55	s	IC TA75W393FU
IC3302	8-759-066-55	s	IC TA75W393FU
IC3307	8-759-066-55	s	IC TA75W393FU
L3205	1-424-653-11	s	COIL,CHOKE 10UH
L3206	1-424-673-11	s	COIL, CHOKE 4.7UH
PH3100 ⚠	8-749-016-82	s	PHOTO COUPLER PC123GY2
PH3101 ⚠	8-749-016-82	s	PHOTO COUPLER PC123GY2
PH3102 ⚠	8-749-016-82	s	PHOTO COUPLER PC123GY2
Q3102	8-729-052-29	s	TRANSISTOR 2SK2876-01MR-F122
Q3103	8-729-052-29	s	TRANSISTOR 2SK2876-01MR-F122
Q3104	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q3105	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q3106	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q3107	8-729-048-69	s	TRANSISTOR 2SJ530S-TL
Q3109	8-729-048-69	s	TRANSISTOR 2SJ530S-TL
Q3110	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q3201	8-729-034-98	s	TRANSISTOR SI9434DY-T1
Q3301	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q3302	8-729-048-69	s	TRANSISTOR 2SJ530S-TL
R3107	1-249-389-11	s	RES,CARBON 4.7 1/4W
R3111	1-218-877-11	s	RESISTOR,CHIP 18K 1/10W (1608)
R3112	1-218-843-11	s	RESISTOR,CHIP 680 1/10W (1608)
R3113	1-218-868-11	s	RESISTOR,CHIP 7.5K 1/10W(1608)
R3114	1-218-823-11	s	RESISTOR,CHIP 100 1/10W (1608)
R3115	1-218-877-11	s	RESISTOR,CHIP 18K 1/10W (1608)
R3116	1-220-338-11	s	RESISTOR,CHIP 330K 1/2W (4532)
R3117	1-220-338-11	s	RESISTOR,CHIP 330K 1/2W (4532)
R3119	1-220-338-11	s	RESISTOR,CHIP 330K 1/2W (4532)
R3120	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R3121	1-216-001-00	s	RESISTOR, CHIP 10 1/10W(2012)
R3122	1-249-417-11	s	RESISTOR,CARBON 1K 1/4W(SMALL)
R3123	1-216-814-11	s	RESISTOR,CHIP 270 1/16W 1608
R3124	1-216-073-91	s	C-RES,S 10K-1/10W J
R3125	1-216-073-91	s	C-RES,S 10K-1/10W J
R3126	1-202-933-61	s	RESISTOR, FUSE 0.1 1/2W
R3127	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R3128	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R3129	1-220-993-91	s	RESISTOR,CHIP 0.68 5025
R3130	1-220-993-91	s	RESISTOR,CHIP 0.68 5025
R3131	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R3132	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R3133	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R3134	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R3135	1-216-820-11	s	RESISTOR, CHIP 820 1/10W 1608
R3136	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R3137	1-216-061-91	s	C-RES,S 3.3K-1/10W J
R3138	1-216-041-00	s	RESISTOR, CHIP 470 1/10W(2012)
R3139	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R3141	1-218-859-11	s	RESISTOR,CHIP 3.3K 1/10W(1608)
R3142	1-218-861-11	s	RESISTOR,CHIP 3.9K 1/10W(1608)
R3143	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R3144	1-218-855-11	s	RESISTOR,CHIP 2.2K 1/10W(1608)
R3145	1-218-887-11	s	RESISTOR,CHIP 47K 1/10W (1608)
R3152	1-216-844-11	s	RESISTOR,CHIP 82K 1/16W 1608

(GB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R3153	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R3156	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R3157	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R3158	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R3161	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R3201	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R3202	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R3203	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R3204	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R3205	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R3207	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R3209	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R3210	1-218-881-11	s	RESISTOR, CHIP 27K 1/10W(1608)
R3213	1-218-893-11	s	RESISTOR, CHIP 82K 1/10W(1608)
R3216	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R3217	1-218-893-11	s	RESISTOR, CHIP 82K 1/10W(1608)
R3218	1-218-905-11	s	RESISTOR,CHIP 270K 1/10W1608)
R3219	1-240-182-11	s	RESISTOR,SQURE TYPE 47M
R3321	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R3322	1-216-073-91	s	C-RES,S 10K-1/10W J
R3324	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R3325	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R3326	1-216-838-11	s	RESISTOR CHIP 27K 1/10W(1608)
R3327	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R3330	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R3331	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R3332	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R3333	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R3334	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R3335	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R3336	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R3337	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R3338	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R3339	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
T1101	⚠ 1-437-380-11	s	TRANSFORMER, CONVERTER

H1 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1405-562-A	s	MOUNTED CIRCUIT BOARD, H1
C1501	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
CN1501	1-691-491-21	s	CONNECTOR, FFC/FPC 12P
D1501	8-719-045-51	s	DIODE SEC2422C (ON/STBY)
D1502	8-719-045-51	s	DIODE SEC2422C (ON/STBY)
D1503	8-719-024-77	s	DIODE HN1D03FU-TE85L
D1504	8-719-024-77	s	DIODE HN1D03FU-TE85L
Q1501	8-729-014-65	s	TRANSISTOR RN2904-TE85R
Q1502	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
R1501	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R1502	1-218-944-11	s	RESISTOR,CHIP 180 1/16W
R1504	1-218-943-11	s	RESISTOR,CHIP 150 1/16W
R1505	1-218-944-11	s	RESISTOR,CHIP 180 1/16W
R1507	1-218-941-81	s	C-RES,V 100-1/16W J
R1508	1-218-941-81	s	C-RES,V 100-1/16W J
R1509	1-218-941-81	s	C-RES,V 100-1/16W J
R1510	1-218-941-81	s	C-RES,V 100-1/16W J
R1511	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1512	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
S1501	1-771-105-11	s	SWITCH, TACTILE (INPUT)
S1502	1-771-105-11	s	SWITCH, TACTILE (POWER)
S1503	1-771-105-11	s	SWITCH, TACTILE (TILT-)
S1504	1-771-105-11	s	SWITCH, TACTILE (TILT+)

H2 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1405-565-A	s	MOUNTED CIRCUIT BOARD, H2
C1551	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
CN1551	1-770-623-21	s	PIN, CONNECTOR 6P
D1551	8-719-045-61	s	DIODE SEC1901C
D1552	8-719-045-61	s	DIODE SEC1901C
D1553	8-719-045-53	s	DIODE SEC1801C
D1554	8-719-024-77	s	DIODE HN1D03FU-TE85L
D1555	8-719-024-77	s	DIODE HN1D03FU-TE85L
Q1551	8-729-014-65	s	TRANSISTOR RN2904-TE85R
Q1552	8-729-014-65	s	TRANSISTOR RN2904-TE85R
R1551	1-218-958-11	s	RESISTOR,CHIP 2.7K 1/16W(1005)
R1552	1-218-954-11	s	RESISTOR, CHIP 1.2K 1/16W
R1553	1-218-951-11	s	RESISTOR, CHIP 680 1/16
R1554	1-218-948-11	s	RESISTOR CHIP 390 1/16W (1005)
R1555	1-218-946-11	s	RESISTOR,CHIP 270 1/16W
R1556	1-218-950-11	s	RESISTOR,CHIP 560,1/16W
R1558	1-218-941-81	s	C-RES,V 100-1/16W J
R1559	1-218-941-81	s	C-RES,V 100-1/16W J
R1560	1-218-941-81	s	C-RES,V 100-1/16W J
S1551	1-771-105-11	s	SWITCH, TACTILE (MENU)
S1552	1-786-409-12	s	SWITCH, TACTILE

L BOARD

Ref. No. or Q'ty	Part No.	SP	Description
CN1201	1-770-619-11	o	PIN, CONNECTOR 2P
D1201	6-500-318-01	s	DIODE NSCW100
D1202	6-500-318-01	s	DIODE NSCW100
D1203	6-500-318-01	s	DIODE NSCW100
D1204	6-500-318-01	s	DIODE NSCW100
R1201	1-216-025-00	s	RESISTOR,CHIP 100 1/10W(2012)
R1202	1-216-025-00	s	RESISTOR,CHIP 100 1/10W(2012)
R1203	1-216-025-00	s	RESISTOR,CHIP 100 1/10W(2012)
R1204	1-216-025-00	s	RESISTOR,CHIP 100 1/10W(2012)

MS BOARD(VPL-CX6 ONLY)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1302-320-A	s	MOUNTED CIRCUIT BOARD, MS
C1007	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1008	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1010	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1011	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1012	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1013	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1014	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C1015	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C1016	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1017	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1018	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1019	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1020	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1021	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1022	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1023	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1024	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1025	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1027	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1028	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C1029	1-117-370-11	s	CAPACITOR CERAMIC 10MF (3216)
C1030	1-117-370-11	s	CAPACITOR CERAMIC 10MF (3216)
C1031	1-117-720-11	s	CAPACITOR, CERAMIC 4.7MF/10V F
C1032	1-117-720-11	s	CAPACITOR, CERAMIC 4.7MF/10V F
C1038	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1039	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1040	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1041	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1042	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1043	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1044	1-164-941-11	s	CAPACITOR,CHIP CERAMIC 4700/16
C1045	1-164-941-11	s	CAPACITOR,CHIP CERAMIC 4700/16
C2001	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2002	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C2003	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2004	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C2005	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2006	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C2007	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2008	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2009	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2010	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2011	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2012	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2013	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2014	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2015	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2016	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2017	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2018	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2019	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2020	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2021	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2022	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2023	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2024	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F

(MS BOARD(VPL-CX6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
C2025	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2026	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2027	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2028	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2029	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2030	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C2031	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3001	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C3002	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3003	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3004	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3005	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3006	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3007	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3008	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3009	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C3010	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3011	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3012	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3013	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3014	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3015	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3016	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3017	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C3018	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3019	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3020	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3021	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3022	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C3023	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C3024	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
CN1001	1-785-613-11	o	CONNECTOR, FFC/FPC 50P
CN1002	1-691-491-21	s	CONNECTOR, FFC/FPC 12P
CN2001	1-770-627-21	s	PIN, CONNECTOR 10P
D1002	8-719-941-86	s	DIODE DAN202U
FB1001	1-400-150-11	s	FERRITE, EMI (SMD)
FB1002	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1003	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1004	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1006	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1007	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1008	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1009	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1013	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1014	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1016	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1017	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1019	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB2001	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB2002	1-469-670-11	o	FERRITE, EMI (SMD)
FB2003	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB3001	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB3002	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB3003	1-414-921-11	s	INDUCTOR, FERRITE BEAD
IC1002	6-700-953-01	s	IC LM1117MPX-1.8
IC1004	8-759-331-27	s	IC MM1096AFF
IC1005	6-702-607-01	s	IC MB93491

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Ref. No. or Q'ty	Part No.	SP	Description
IC1006	8-759-661-55	s	IC ST24FC21M6TR
IC1007	8-759-665-50	s	IC AK4352VT-E2
IC1012	8-759-082-60	s	IC TC7S66FU
IC1013	8-759-082-60	s	IC TC7S66FU
IC1014	8-759-575-16	s	IC LMC7101BIM5X
IC1015	8-759-575-16	s	IC LMC7101BIM5X
IC3001	8-759-835-17	s	IC K4S281632C-TC1HT00
IC3002	8-759-835-17	s	IC K4S281632C-TC1HT00
IC3003	6-803-224-01	s	IC MBM29LV160BE-90TN-1754MS100
IC3004	6-702-812-11	s	IC CY27027ZZCT
L1001	1-414-770-91	s	INDUCTOR 4.7UH
L3001	1-469-058-11	s	INDUCTOR 22UH
Q1001	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1005	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1006	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q1007	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q2001	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
R1005	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1006	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1007	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1008	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R1009	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1010	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1011	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1012	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1013	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1015	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1017	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1018	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1019	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1020	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1021	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1022	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1023	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1026	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1027	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1028	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1029	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1031	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1032	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1033	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1034	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1035	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1036	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1037	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1038	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1039	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1040	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1041	1-218-937-11	s	RESISTOR, CHIP 47
R1045	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1047	1-208-645-11	s	RESISTOR CHIP 27 1/16W (1005)
R1048	1-208-645-11	s	RESISTOR CHIP 27 1/16W (1005)
R1049	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1056	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1057	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1062	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1063	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1064	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R1069	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1077	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1078	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1079	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1080	1-218-941-81	s	C-RES,V 100-1/16W J
R1081	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1082	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1083	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1084	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1085	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1086	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1087	1-218-941-81	s	C-RES,V 100-1/16W J
R1088	1-218-941-81	s	C-RES,V 100-1/16W J
R1090	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R2001	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R2002	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2003	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2004	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R2005	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R2006	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R2007	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R2008	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2009	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2010	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2011	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2012	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2013	1-218-937-11	s	RESISTOR, CHIP 47
R2014	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2015	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2016	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R2017	1-218-941-81	s	C-RES,V 100-1/16W J
R2018	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2019	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2020	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2021	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2022	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2023	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R2025	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2026	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R2027	1-218-941-81	s	C-RES,V 100-1/16W J
R3001	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R3002	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R3003	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R3004	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R3005	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R3006	1-218-941-81	s	C-RES,V 100-1/16W J
R3007	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R3008	1-218-937-11	s	RESISTOR, CHIP 47
R3009	1-218-937-11	s	RESISTOR, CHIP 47
R3010	1-218-937-11	s	RESISTOR, CHIP 47
R3011	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R3012	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
RB1001	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1002	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1003	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1004	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1006	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1007	1-234-370-11	s	RES, NETWORK 22X4 (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
RB1008	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1009	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1010	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1011	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1012	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1013	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1014	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1015	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1016	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1017	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1018	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1019	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1020	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1021	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1022	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB2001	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2002	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2003	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2004	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2005	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2006	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2007	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2008	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB2009	1-234-378-11	s	RES, NETWORK 10KX4 (1005)
RB3001	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3002	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3003	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3004	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3005	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3006	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3007	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3008	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3009	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3010	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3011	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3012	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3013	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3014	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3015	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3016	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3017	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3018	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3019	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB3020	1-234-371-11	s	RES, NETWORK 47X4 (1005)
X3001	1-795-690-22	s	OSCILLATOR, CRYSTAL (SMD) (54MHz)

MSC BOARD(VPL-CS5A/CS6/EX1 ONLY)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1302-314-A	s	MOUNTED CIRCUIT BOARD, MSC
C1307	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C1309	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C1310	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1401	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/16
C1402	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/16
C1406	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1409	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1410	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1417	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1418	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C1419	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1420	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
CN1302	1-770-622-21	s	PIN, CONNECTOR 5P
CN1303	1-778-336-21	s	PIN, CONNECTOR (PC BOARD) 14P
D1402	8-719-988-61	s	DIODE 1SS355TE-17
D1405	8-719-988-61	s	DIODE 1SS355TE-17
FB1302	1-469-670-11	o	FERRITE, EMI (SMD)
FB1303	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1304	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1305	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1306	1-469-670-11	o	FERRITE, EMI (SMD)
FB1307	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1308	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1309	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1310	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1311	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1402	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
IC1301	8-749-012-17	s	IC RS-140-T
IC1302	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC1402	8-759-697-26	s	IC RCV4-A1T-MASK-25
IC1510	8-759-649-33	s	IC SN74AHCT1G08DCKR
Q1403	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q1406	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
R1312	1-218-937-11	s	RESISTOR, CHIP 47
R1313	1-218-937-11	s	RESISTOR, CHIP 47
R1314	1-218-937-11	s	RESISTOR, CHIP 47
R1315	1-218-941-81	s	C-RES,V 100-1/16W J
R1316	1-218-937-11	s	RESISTOR, CHIP 47
R1317	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1318	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1320	1-218-937-11	s	RESISTOR, CHIP 47
R1403	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1409	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R1415	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1418	1-218-962-11	s	RESISTOR,CHIP 5.6K 1/16W(1005)
R1420	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1421	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1432	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1433	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1434	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1436	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1437	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1440	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1443	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)

(MSC BOARD(VPL-CS5A/CS6/EX1 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
R1444	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1447	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1459	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1460	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1462	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1463	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1464	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
X1401	1-781-994-21	s	VIBRATOR, CRYSTAL (24MHz)

MSC BOARD(VPL-CX6 ONLY)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1302-319-A	s	MOUNTED CIRCUIT BOARD, MSC
C1301	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1302	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1303	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1304	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1305	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1306	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1307	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C1308	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1309	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
C1310	1-107-820-11	s	CAPACITOR,CHIP CERAMIC 0.1MF F
C1401	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/16
C1402	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/16
C1403	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1404	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1405	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1406	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1407	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1408	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1409	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1410	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1411	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1412	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1413	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1414	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1415	1-164-850-11	s	CAPACITOR,CERAMIC 10PF/16V CH
C1416	1-164-850-11	s	CAPACITOR,CERAMIC 10PF/16V CH
C1417	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1418	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C1419	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1420	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1422	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/16
C1423	1-164-862-11	s	CAPACITOR,CHIP CERAMIC 33PF/16
C1424	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1425	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1427	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1428	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1429	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C1430	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
CN1301	1-691-491-21	s	CONNECTOR, FFC/FPC 12P
CN1302	1-770-622-21	s	PIN, CONNECTOR 5P
CN1303	1-778-336-21	s	PIN, CONNECTOR (PC BOARD) 14P
CN1304	1-815-368-13	l	CONNECTOR, CARD (MEMORY STICK)
D1301	8-719-045-61	s	DIODE SEC1901C
D1401	8-719-988-61	s	DIODE 1SS355TE-17
D1402	8-719-988-61	s	DIODE 1SS355TE-17
D1405	8-719-988-61	s	DIODE 1SS355TE-17
FB1301	1-469-670-11	o	FERRITE, EMI (SMD)
FB1302	1-469-670-11	o	FERRITE, EMI (SMD)
FB1303	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1304	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1305	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1306	1-469-670-11	o	FERRITE, EMI (SMD)
FB1307	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1308	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1309	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1310	1-414-921-11	s	INDUCTOR, FERRITE BEAD

(MSC BOARD(VPL-CX6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
FB1311	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1312	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1313	1-469-670-11	o	FERRITE, EMI (SMD)
FB1401	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1402	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
IC1301	8-749-012-17	s	IC RS-140-T
IC1302	8-759-592-49	s	IC TC7SZ125FU(TE85R)
IC1401	8-759-655-55	s	IC UPD72012GB-003-3B4
IC1402	8-759-697-26	s	IC RCV4-A1T-MASK-25
IC1403	6-701-707-01	s	IC ST72T631K4M1-201
IC1404	8-759-598-06	s	IC S-80942ANMP-DD6-T2
IC1510	8-759-649-33	s	IC SN74AHCT1G08DCKR
Q1301	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q1302	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1303	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1403	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q1404	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q1405	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1406	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1407	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q1408	8-729-013-26	s	TRANSISTOR HN1C03FU-TE85R
R1301	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1302	1-218-937-11	s	RESISTOR, CHIP 47
R1303	1-218-937-11	s	RESISTOR, CHIP 47
R1305	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1306	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1307	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1308	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1309	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1310	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1311	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1312	1-218-937-11	s	RESISTOR, CHIP 47
R1313	1-218-937-11	s	RESISTOR, CHIP 47
R1314	1-218-937-11	s	RESISTOR, CHIP 47
R1315	1-218-941-81	s	C-RES,V 100-1/16W J
R1316	1-218-937-11	s	RESISTOR, CHIP 47
R1317	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1318	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1320	1-218-937-11	s	RESISTOR, CHIP 47
R1401	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1402	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1403	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1404	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1406	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1407	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1408	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1409	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R1410	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1411	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R1412	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R1413	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R1414	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R1415	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1416	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1417	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1418	1-218-962-11	s	RESISTOR,CHIP 5.6K 1/16W(1005)
R1419	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1420	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W

(MSC BOARD(VPL-CX6 ONLY))

Ref. No. or Q'ty	Part No.	SP	Description
R1421	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1422	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1423	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1424	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1425	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1426	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1427	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1428	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1429	1-218-931-11	s	RESISTOR,CHIP 15 1/16W
R1430	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R1431	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1608)
R1432	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1433	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1434	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1435	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1436	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1437	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1438	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1439	1-218-959-11	s	RESISTOR, CHIP 3.3K
R1440	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1441	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1442	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1443	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1444	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1446	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1608)
R1447	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1448	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R1449	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1451	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1452	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1453	1-218-941-81	s	C-RES,V 100-1/16W J
R1454	1-218-941-81	s	C-RES,V 100-1/16W J
R1455	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1456	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1457	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1458	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1459	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1460	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
X1401	1-781-994-21	s	VIBRATOR, CRYSTAL (24MHz)
X1402	1-795-691-11	s	QUARTZ CRYSTAL UNIT (4MHz)
X1403	1-781-994-21	s	VIBRATOR, CRYSTAL (24MHz)

NR BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C50	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
CN50	1-770-620-21	s	PIN, CONNECTOR 3P
IC50	8-749-012-17	s	IC RS-140-T
R50	1-218-937-11	s	RESISTOR, CHIP 47
R51	1-218-941-81	s	C-RES,V 100-1/16W J

Q BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1405-571-A	s	MOUNTED CIRCUIT BOARD, Q
C20	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C21	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C22	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C23	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
CN20	1-770-860-11	s	CONNECTOR, S TERMINAL (S-VIDEO)
CN21	1-778-965-21	s	PIN, CONNECTOR (PC BOARD) 12P
D20	8-719-036-80	s	DIODE RD3.9SB
D21	8-719-036-80	s	DIODE RD3.9SB
D22	8-719-036-80	s	DIODE RD3.9SB
D23	8-719-158-37	s	DIODE RD9.1SB2
D24	8-719-158-37	s	DIODE RD9.1SB2
J20	1-566-822-21	s	JACK (AUDIO IN)
J21	1-785-549-41	o	JACK, PIN YELLOW (VIDEO)
L20	1-414-921-11	s	INDUCTOR, FERRITE BEAD
R26	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R27	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)

S BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1405-572-A	s	MOUNTED CIRCUIT BOARD, S
CN1	1-770-624-21	s	PIN, CONNECTOR 7P
D1	8-719-053-18	s	DIODE 1SR154-400TE-25
D2	8-719-053-18	s	DIODE 1SR154-400TE-25
RV1	1-227-596-11	s	POTENTIOMETER
S1	1-786-591-11	s	SWITCH, MICRO
S2	1-786-591-11	s	SWITCH, MICRO

U BOARD

Ref. No. or Q'ty	Part No.	SP	Description
CN60	1-770-619-11	o	PIN, CONNECTOR 2P
S60	⚠ 1-762-984-11	s	SWITCH, PUSH

V BOARD

Ref. No. or Q'ty	Part No.	SP	Description
C70	1-164-947-11	s	CAPACITOR CHIP CERAMIC 0.01MF
CN70	1-770-621-21	s	PIN, CONNECTOR 4P
R70	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
S70	1-762-984-11	s	SWITCH, PUSH
TH70	1-803-382-11	s	THERMISTOR (10K)

SUPPLIED ACCESSORIES(VPL-CS5A)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-476-555-21	s	REMOTE COMMANDER (RM-PJ2)
1pc	9-885-010-99	s	COVER, BATTERY (FOR RM-PJ2)
1pc	⚠		CORD,POWER(See 1-3-18. Warning on Power Connection.)
1pc	1-791-992-31	s	CABLE ASSY(15PDSUBCONNECTORX2)
1pc	4-090-077-01	o	QUICK REFENCE CARD
1pc	4-095-440-11	o	MANUAL, INSTRUCTION(ENGLISH, (FRENCH,SPANISH)

SUPPLIED ACCESSORIES(VPL-CS6)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	⚠ 1-476-556-22	s	REMOTE COMMANDER (RM-PJM12)
1pc	9-885-005-85	s	COVER, BATTERY (FOR RM-PJM12)
1pc	⚠		CORD,POWER(See 1-3-18. Warning on Power Connection.)
1pc	1-790-081-31	s	CABLE, USB
1pc	1-791-992-31	s	CABLE ASSY(15PDSUBCONNECTORX2)
1pc	4-090-077-01	o	QUICK REFENCE CARD
1pc	4-095-440-01	o	MANUAL, INSTRUCTION(JAPANESE, SIMPLIFIED CHINESE)
1pc	4-095-440-11	o	MANUAL, INSTRUCTION(ENGLISH, (FRENCH,SPANISH)
1pc	4-095-440-21	o	MANUAL, INSTRUCTION(GERMAN, (ITALIAN)

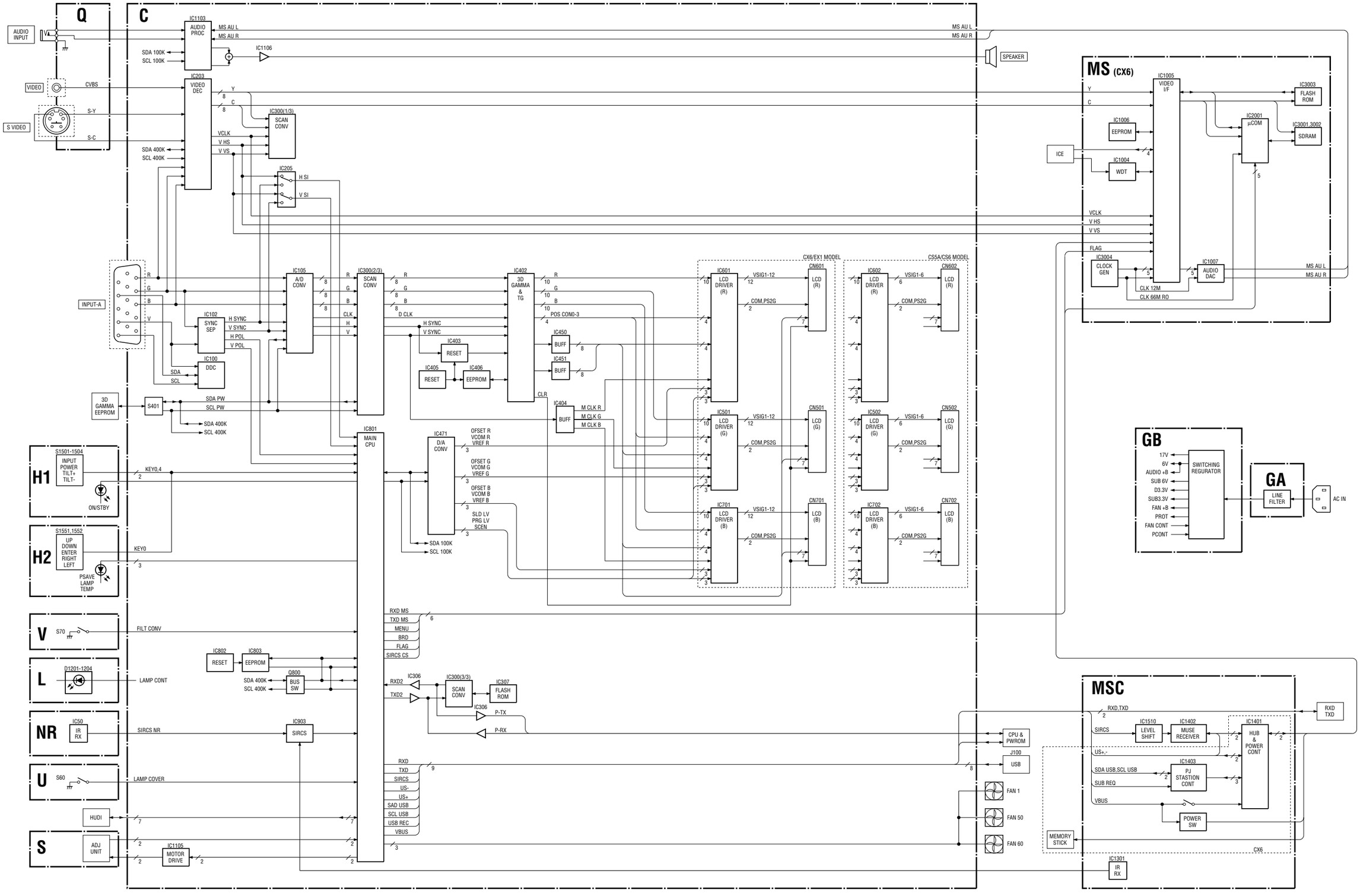
SUPPLIED ACCESSORIES(VPL-CX6)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	⚠ 1-476-556-22	s	REMOTE COMMANDER (RM-PJM12)
1pc	9-885-005-85	s	COVER, BATTERY (FOR RM-PJM12)
1pc	⚠		CORD,POWER(See 1-3-18. Warning on Power Connection.)
1pc	1-790-081-31	s	CABLE, USB
1pc	1-791-992-31	s	CABLE ASSY(15PDSUBCONNECTORX2)
1pc	4-090-077-01	o	QUICK REFENCE CARD
1pc	4-095-440-01	o	MANUAL, INSTRUCTION(JAPANESE, SIMPLIFIED CHINESE)
1pc	4-095-440-11	o	MANUAL, INSTRUCTION(ENGLISH, (FRENCH,SPANISH)
1pc	4-095-440-21	o	MANUAL, INSTRUCTION(GERMAN, (ITALIAN)
1pc	4-095-441-01	o	MANUAL, INSTRUCTION(JAPANESE, SIMPLIFIED CHINESE)
1pc	4-095-441-11	o	MANUAL, INSTRUCTION(ENGLISH, (FRENCH,SPANISH)
1pc	4-095-441-21	o	MANUAL, INSTRUCTION(GERMAN, (ITALIAN)

SUPPLIED ACCESSORIES(VPL-EX1)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	⚠ 1-476-555-21	s	REMOTE COMMANDER (RM-PJ2)
1pc	9-885-010-99	s	COVER, BATTERY (FOR RM-PJ2)
1pc	⚠		CORD,POWER(See 1-3-18. Warning on Power Connection.)
1pc	1-791-992-31	s	CABLE ASSY(15PDSUBCONNECTORX2)
1pc	4-090-077-01	o	QUICK REFENCE CARD
1pc	4-095-440-01	o	MANUAL, INSTRUCTION (JAPANESE,SIMPLIFIED CHINESE)
1pc	4-095-440-11	o	MANUAL, INSTRUCTION (ENGLISH,FRENCH,SPANISH)
1pc	4-095-440-21	o	MANUAL, INSTRUCTION (GERMAN,ITALIAN)

Section 5
Block Diagrams



Q(1/2)

C (1/4)

J21 VIDEO

CN20 S VIDEO

CN21(1/2)

CN201(1/2)

10	CVBS	10
8	S-Y	8
6	S-C	6

IC203 VIDEO DECODER

AI12, AI31, AI41

SDA 400K, SCL 400K

R DEC, G DEC, B DEC

15K CS

X200 24.576MHz

XTALO, XTALI

ITRI

DEC EN

IPD0–IPD7, HPD0–HPD7

CN202(3/4)

28	VY0
27	VY1
26	VY2
25	VY3
24	VY4
23	VY5
22	VY6
21	VY7
20	VUV0
19	VUY1
18	VUV2
17	VUY3
16	VUV4
15	VUY5
14	VUV6
13	VUY7

B — MS BOARD CN1001(1/3)

IC300(1/3) SCAN CONV

VG/Y/U0–VG/Y/U7

VB/UV/V0–VB/UV/V7

Q301, Q302 — SW — VDD 3.3 — +3.3V-2

GAMMA RST 2/4

IC204((1/2) SYNC BUFF

RTS0, IDQ, IGPH, IGPV, IGP1

VCLK, VPEN, VHS, VVS, VFIELD

IC204((2/2) SYNC BUFF

IC205 SYNC SW

HSI 3/4

VSI 3/4

A — MS BOARD CN1001(1/3)

CN202(1/4)

VCLK	3
VPEN	4
VHS	6
VVS	5

MS EN

HS

VS

SW1

IC202 3.3V REG — 5V-3 — 3.3V

IC206 3.3V REG — 3.3V

Q(2/2)

J20 AUDIO INPUT

CN21(2/2)

CN201(2/2)

3	AU L	3
1	AU R	1

IC1103 AUDIO PROC

IN1L, IN1R, OUT L, OUT R

IC1106 AUDIO AMP

INP, OUT P, OUT N, SHUT DOWN

CN1102

1	SP +
2	SP -

SPEAKER

C — MS BOARD CN1001(2/3)

CN202(2/4)

MS AU L	8
MS AU R	10

IN2L, IN2R

SDA 100K, SCL 100K

AU MUTE — MUTE Q1104

IC1109 5V REG — AUDIO +B — 5V

C (2/4)

CN100 INPUT-A

R DEC 1/4
G DEC 1/4
B DEC 1/4

IC100 DDC
VCLK
SDA
SCL
VCC

5V-1
Q100

Q101,104,105
BUFF

IC102 SYNC SEP
GREEN
C/H
VIN
HD
VD
CLAMP
H POL
V POL

LIMIT Q102
LIMIT Q103

IC105 A/D CONV
RA IN
GA IN
SOG IN
BA IN
HSYNC
VSYNC
CLAMP
REDO
RED7
GREEN0
GREEN7
BLUE0
BLUE7
HS OUT
VS OUT
SOG OUT
DATA CK
COAST
GHS

IC300(2/3) SCAN CONV
GRE0
GRE7
GGE0
GGE7
GBE0
GBE7
GFBK
GVS
GPENSOG
GCLK
GCOAST

15K CS 1/4
HS 1/4
VS 1/4
H POL 3/4
V POL 3/4

SDA PW
SCL PW
PORT A0
PORT A1

IC305
SPECTRUM SPREAD
X300
16.384MHz
DCKEXT
MCKEXT

3.3V-2
IC303
RESET
IC304
RESET

CN401 3D GAMMA EEPROM
WSDA
WSCL
S401
W
N
SDA 400K 1/4,3/4
SCL 400K 1/4,3/4

IC101 6V → 5V REG → 5V-3
IC103 3.3V REG → 3.3V-3
IC104 3.3V REG → 3.3V

DRE0
DRE7
DGE0
DGE7
DBE0
DBE7
DCLK
DHS
DVS

IC402 3D GAMMA & TG
RIN0
RIN7
ROSD0
ROSD1
ROSD2
OSD YM
GIN0
GIN7
GOSD0
GOSD1
GOSD2
OSD YS
BIN0
BIN7
BOSD0
BOSD1
BOSD2
CLKI
HSYNC
VSYNC
HSDA
HSCL
RESET
RSDA
RSCL

IC401
3/4 OSD EN

ROUT0
ROUT9
R0-9 4/4
GOUT0
GOUT9
G0-9 4/4
BOUT0
BOUT9
B0-9 4/4

CNT 1A
CNT 1B
CNT 2A
CNT 2B
POS CON0 4/4
POS CON1 4/4
POS CON2 4/4
POS CON3 4/4
INVCNT
DCFB OFF 4/4

IC450 BUFF
LCD RGT
LCD RGTX
LCD HCK1
LCD HCK2
RGT 4/4
RGTX 4/4
HCK 1R 4/4
HCK 1G 4/4
HCK 1B 4/4
HCK 2R 4/4
HCK 2G 4/4
HCK 2B 4/4

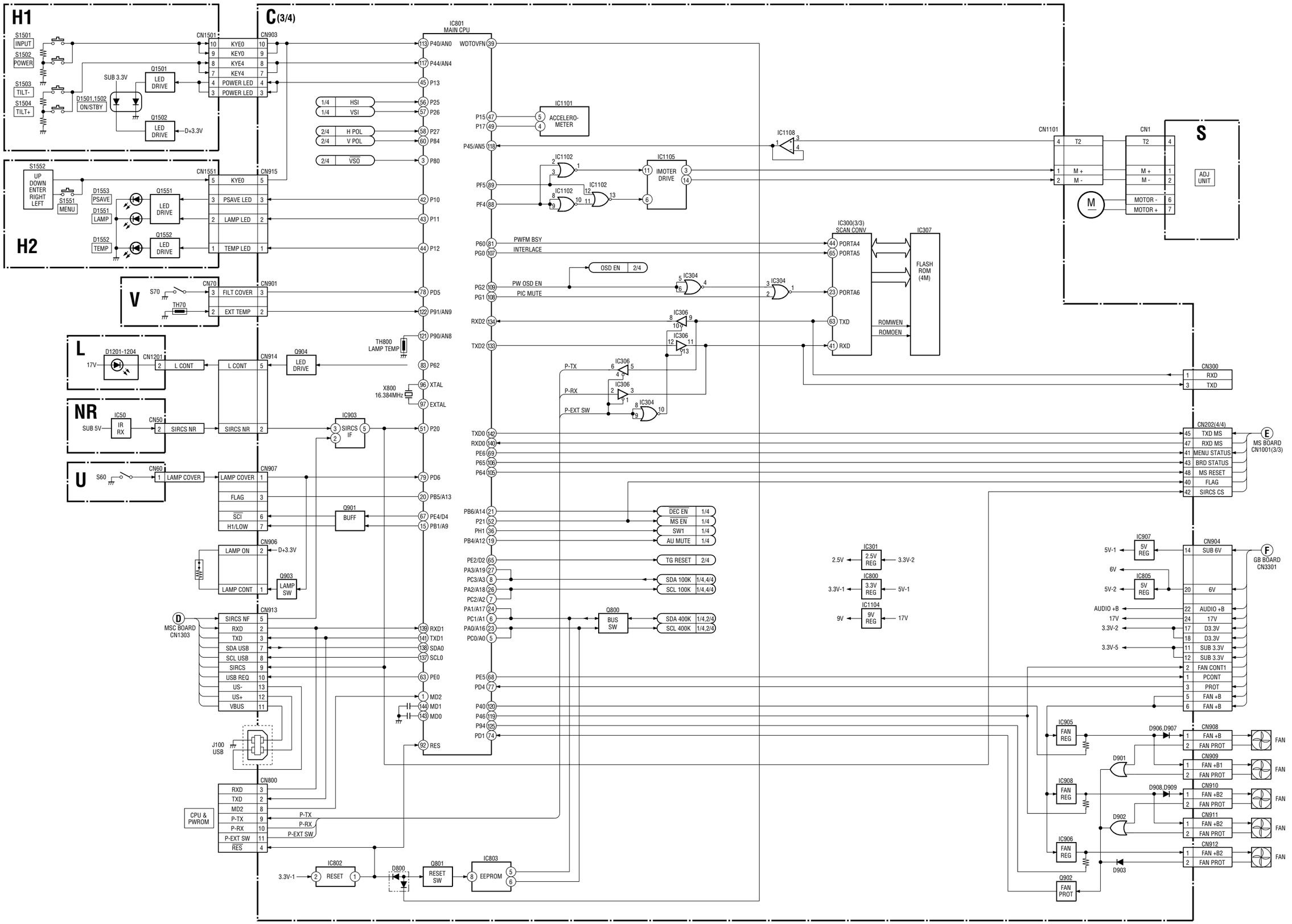
IC451 BUFF
LCD FRP
LCD PRG
LCD ENB
LCD HST
LCD VST
LCD VCK
LCD PCG
LCD DWN
FRP 4/4
PRG 4/4
ENB 4/4
HST 4/4
VST 4/4
VCK 4/4
PCG 4/4
DWN 4/4
Q450

AGC SHP
IC452
CLR 4/4

3/4 TG RESET
IC403 RESET
IC405 RESET
Q402 RESET SW
IC406 EEPROM

1/4 GAMMA RST
VSO 3/4

IC404
3.3V-2
MCLK R 4/4
MCLK G 4/4
MCLK B 4/4

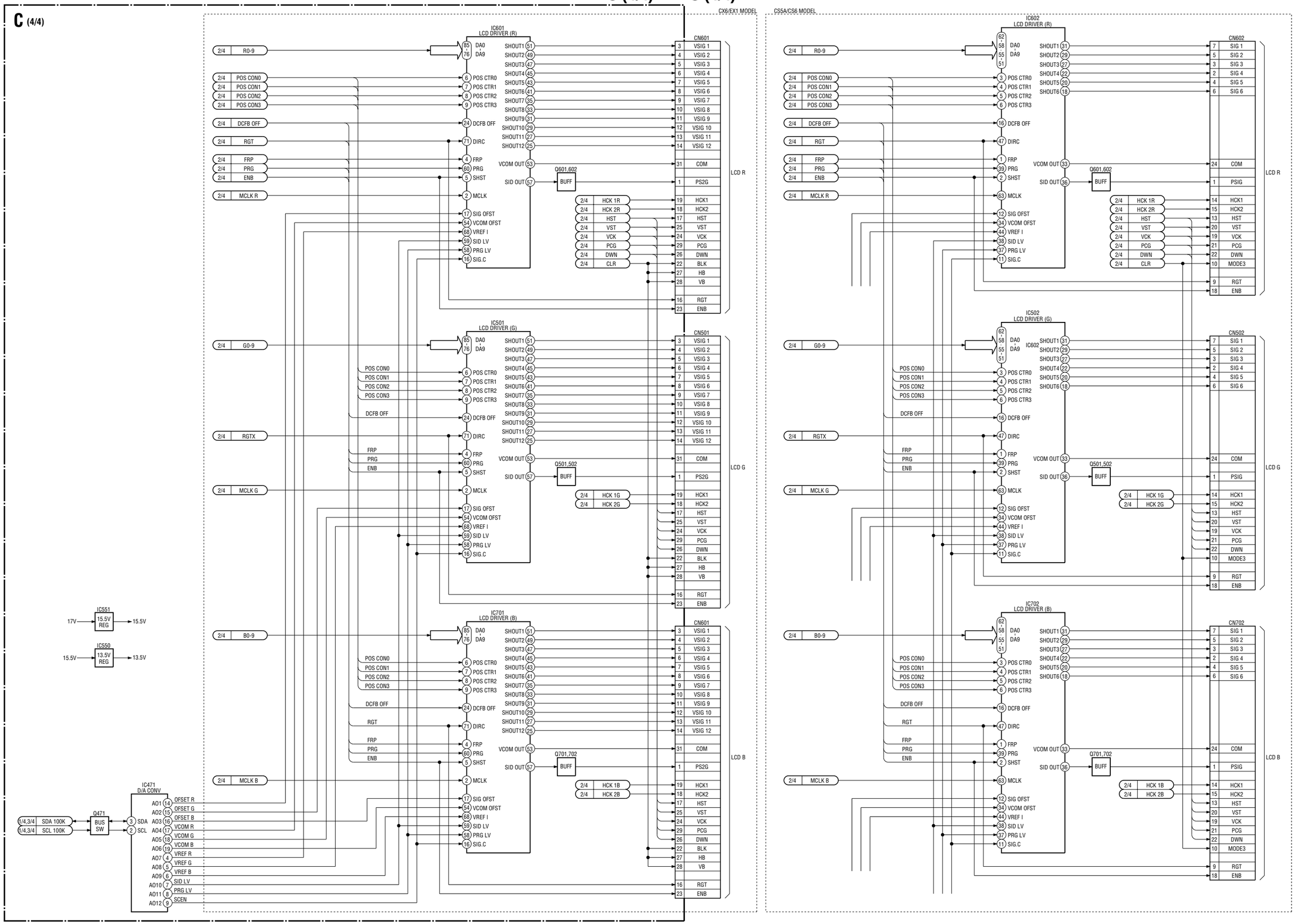

H1
C(3/4)
S1501 INPUT
S1502 POWER
S1503 TILT-
S1504 TILT+
D1501,1502 ON/STBY
SUB 3.3V
Q1501 LED DRIVE
Q1502 LED DRIVE
D+3.3V
CN1501
CN903
KYE0
KEY0
KYE4
KEY4
POWER LED
IC801 MAIN CPU
WDTOVFN
P40/AN0
P44/AN4
P13
P25
P26
P27
P84
P80
HSI
VSI
H POL
V POL
VSO
H2
S1552 UP DOWN ENTER RIGHT LEFT
S1551 MENU
D1553 PSAVE
D1551 LAMP
D1552 TEMP
Q1551 LED DRIVE
Q1552 LED DRIVE
CN1551
CN915
PSAVE LED
LAMP LED
TEMP LED
P10
P11
P12
V
S70
TH70
CN70
CN901
FILT COVER
EXT TEMP
PD5
P91/AN9
L
D1201-1204
17V
CN1201
L CONT
CN914
Q904 LED DRIVE
TH800 LAMP TEMP
P90/AN8
P62
X800 16.384MHz
XTAL
EXTAL
NR
IC50 IR RX
SUB 5V
CN50
SIRCS NR
IC903 SIRCS IF
P20
U
S60
CN60
LAMP COVER
CN907
PD6
FLAG
PB5/A13
SCI
H1/LOW
Q901 BUFF
PE4/D4
PB1/A9
CN906
LAMP ON
LAMP CONT
Q903 LAMP SW
D
MSC BOARD CN1303
CN913
SIRCS NF
RXD
TXD
SDA USB
SCL USB
SIRCS
USB REQ
US-
US+
VBUS
RXD1
TXD1
SDA0
SCL0
PE0
MD2
MD1
MD0
RES
J100 USB
CN800
CPU & PWROM
P-TX
P-RX
P-EXT SW
IC802 RESET
D800
Q801 RESET SW
IC803 EEPROM
3.3V-1
IC1101 ACCELERO-METER
P15
P17
P45/AN5
IC1102
IC1105 IMOTER DRIVE
PF5
PF4
PWFM BSY
INTERLACE
PG0
PG2
PG1
PW OSD EN
PIC MUTE
OSD EN 2/4
IC304
IC306
RXD2
TXD2
TXD0
RXD0
PE6
P65
P64
PB6/A14
P21
PH1
PB4/A12
PE2/D2
PA3/A19
PC3/A3
PA2/A18
PC2/A2
PA1/A17
PC1/A1
PA0/A16
PC0/A0
PE5
PD4
P40
P46
P94
PD1
DEC EN 1/4
MS EN 1/4
SW1 1/4
AU MUTE 1/4
TG RESET 2/4
SDA 100K 1/4,4/4
SCL 100K 1/4,4/4
Q800 BUS SW
SDA 400K 1/4,2/4
SCL 400K 1/4,2/4
IC1108
IC300(3/3) SCAN CONV
PORTA4
PORTA5
PORTA6
TXD
RXD
IC307 FLASH ROM (4M)
ROMWEN
ROMOEN
CN1101
CN1
S
ADJ UNIT
M
M +
M -
MOTOR -
MOTOR +
CN300
CN202(4/4)
TXD MS
RXD MS
MENU STATUS
BRD STATUS
MS RESET
FLAG
SIRCS CS
E
MS BOARD CN1001(3/3)
IC301 2.5V REG
2.5V
3.3V-2
IC800 3.3V REG
3.3V-1
5V-1
IC1104 9V REG
9V
17V
IC907 5V REG
IC805 5V REG
CN904
SUB 6V
6V
AUDIO +B
17V
D3.3V
SUB 3.3V
FAN CONT1
PCONT
PROT
FAN +B
F
GB BOARD CN3301
IC905 FAN REG
IC908 FAN REG
IC906 FAN REG
Q902 FAN PROT
D903
D901
D902
D906,D907
D908,D909
CN908
CN909
CN910
CN911
CN912
FAN +B1
FAN +B2
FAN PROT
FAN

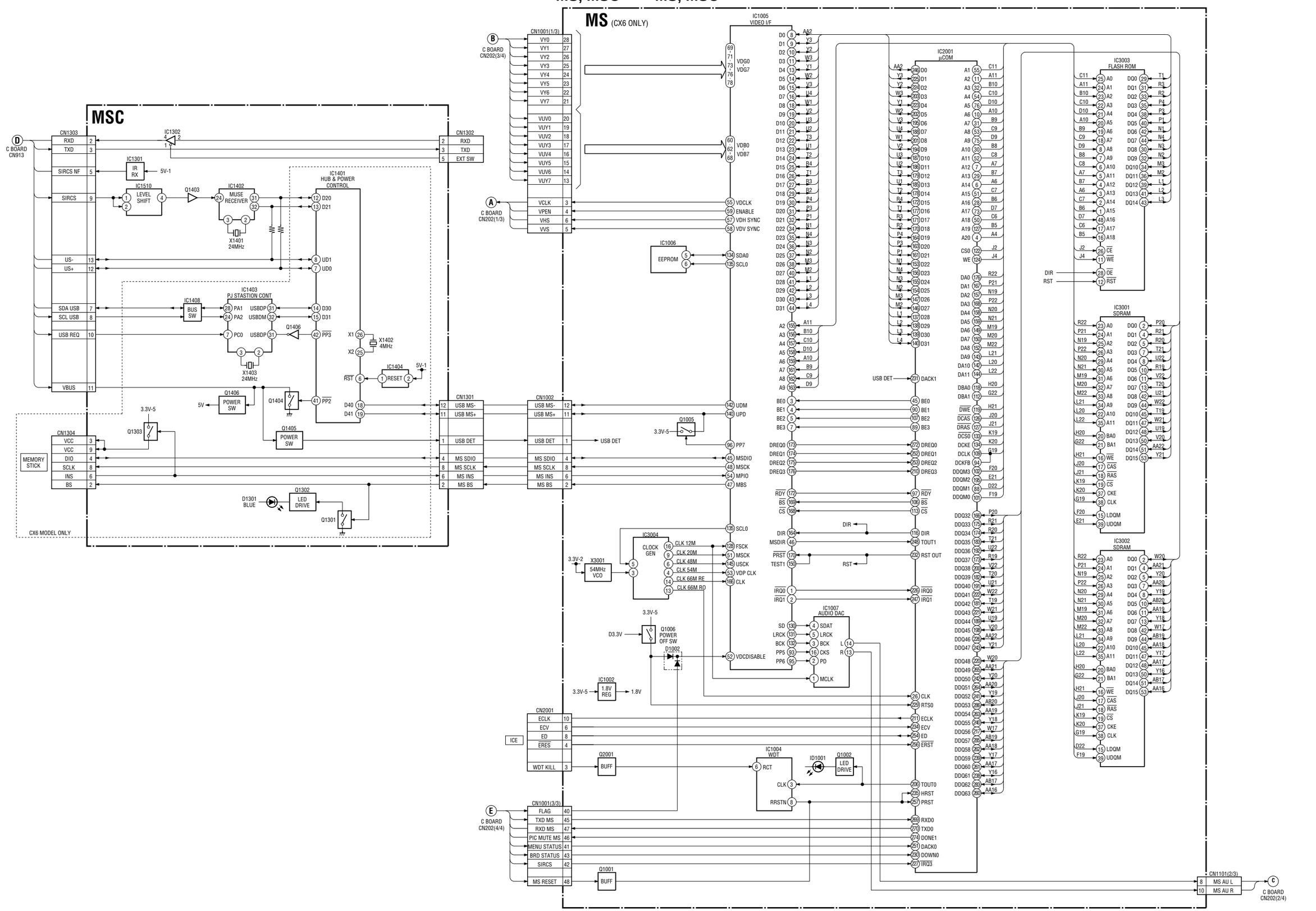
C (4/4)

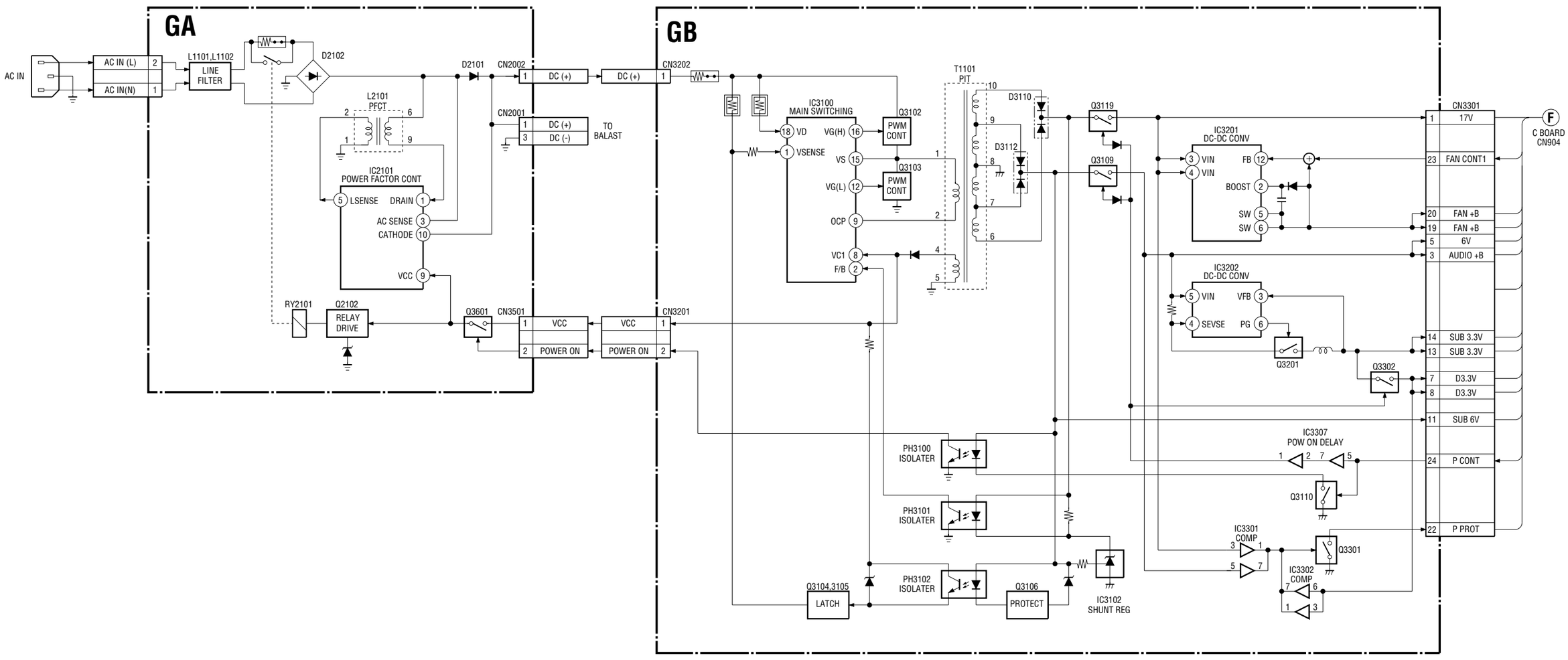
C (4/4)

CX6/EX1 MODEL

CS5A/CS6 MODEL




MS (CX6 ONLY)
MSC
CX6 MODEL ONLY
C BOARD CN913
C BOARD CN202(3/4)
C BOARD CN202(1/3)
C BOARD CN202(4/4)
C BOARD CN202(2/4)
CN1303
CN1302
CN1001(1/3)
CN1001(3/3)
CN1304
CN1301
CN1002
CN2001
CN1101(2/3)
IC1301 IR RX
IC1302
IC1510 LEVEL SHIFT
IC1401 HUB & POWER CONTROL
IC1402 MUSE RECEIVER
IC1403 PJ STASTION CONT
IC1404 RESET
IC1005 VIDEO I/F
IC1006 EEPROM
IC1007 AUDIO DAC
IC1002 1.8V REG
IC1004 WDT
IC2001 µCOM
IC3001 SDRAM
IC3002 SDRAM
IC3003 FLASH ROM
IC3004 CLOCK GEN
X3001 54MHz VCO
X1401 24MHz
X1402 4MHz
X1403 24MHz
BUS SW
POWER SW
POWER OFF SW
LED DRIVE
BUFF
MEMORY STICK
ICE
5V-1
3.3V-5
3.3V-2
1.8V
D3.3V
RXD
TXD
SIRCS NF
SIRCS
US-
US+
SDA USB
SCL USB
USB REQ
VBUS
USB MS-
USB MS+
USB DET
MS SDIO
MS SCLK
MS INS
MS BS
VCC
DIO
SCLK
INS
BS
EXT SW
VDG0
VDG7
VDB0
VDB7
VCLK
VPEN
VHS
VVS
SDA0
SCL0
UDM
UPD
PP7
MSDIO
MSCK
MPIO
MBS
UD1
UD0
D20
D21
D30
D31
PP3
PP2
FSCK
MSCK
USCK
VDP CLK
CLK
VDCDISABLE
MCLK
SDAT
LRCK
BCK
CKS
PD
RCT
TOUT0
HRST
PRST
RXD0
TXD0
DONE1
DACK0
DOWN0
IRQ3
FLAG
TXD MS
RXD MS
PIC MUTE MS
MENU STATUS
BRD STATUS
SIRCS
MS RESET
ECLK
ECV
ED
ERES
WDT KILL
MS AU L
MS AU R
DACK1
DREQ0
DREQ1
DREQ2
DREQ3
RDY
BS
CS
DIR
TOUT1
RST OUT
IRQ0
IRQ1
CLK
RTS0
ERST
BE0
BE1
BE2
BE3
DDQM3
DDQM2
DDQM1
DDQM0
DDQ32
DDQ33
DDQ34
DDQ35
DDQ36
DDQ37
DDQ38
DDQ39
DDQ40
DDQ41
DDQ42
DDQ43
DDQ44
DDQ45
DDQ46
DDQ47
DDQ48
DDQ49
DDQ50
DDQ51
DDQ52
DDQ53
DDQ54
DDQ55
DDQ56
DDQ57
DDQ58
DDQ59
DDQ60
DDQ61
DDQ62
DDQ63
CLK 12M
CLK 20M
CLK 48M
CLK 54M
CLK 66M RE
CLK 66M RO
CS0
WE
DA0
DA1
DA2
DA3
DA4
DA5
DA6
DA7
DA8
DA9
DA10
DA11
DBA0
DBA1
DWE
DCAS
DRAS
DCS0
DCKE
DCLK
DCKFB
DQ0
DQ1
DQ2
DQ3
DQ4
DQ5
DQ6
DQ7
DQ8
DQ9
DQ10
DQ11
DQ12
DQ13
DQ14
DQ15
A0
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12
A13
A14
A15
A16
A17
A18
BA0
BA1
CE
OE
RST
CAS
RAS
CS
CKE
CLK
LDQM
UDQM
DIR
RST


GA
GB
AC IN
AC IN (L) 2
AC IN(N) 1
L1101,L1102
LINE FILTER
D2102
D2101
CN2002
1 DC (+)
CN2001
1 DC (+)
3 DC (-)
TO BALAST
CN3202
DC (+) 1
L2101
PFCT
IC2101
POWER FACTOR CONT
LSENSE
DRAIN
AC SENSE
CATHODE
VCC
RY2101
Q2102
RELAY DRIVE
Q3601
CN3501
1 VCC
2 POWER ON
CN3201
VCC 1
POWER ON 2
IC3100
MAIN SWITCHING
VD
VSENSE
VG(H)
VS
VG(L)
OCP
VC1
F/B
Q3102
Q3103
PWM CONT
T1101
PIT
D3110
D3112
Q3119
Q3109
IC3201
DC-DC CONV
VIN
FB
BOOST
SW
IC3202
DC-DC CONV
VFB
SEVSE
PG
Q3201
Q3302
CN3301
1 17V
23 FAN CONT1
20 FAN +B
19 FAN +B
5 6V
3 AUDIO +B
14 SUB 3.3V
13 SUB 3.3V
7 D3.3V
8 D3.3V
11 SUB 6V
24 P CONT
22 P PROT
F
C BOARD CN904
IC3307
POW ON DELAY
Q3110
IC3301
COMP
Q3301
IC3302
COMP
PH3100
ISOLATER
PH3101
ISOLATER
PH3102
ISOLATER
Q3104,3105
LATCH
Q3106
PROTECT
IC3102
SHUNT REG

Section 6
Diagrams

Note:
- Parts marked " * " differ according to the model/destination. Refer to the mount table for each function.
- The parts marked " # " on schematic diagrams are not mounted.
- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics.
- All electrolytics are in 50 V unless otherwise specified.
- : fusible resistor
- : nonflammable resistor
- Δ : internal component
- : panel designation and adjustment for repair
- Caution when replacing chip parts
  New parts must be attached after removal of the chip.
  Be careful not to heat the minus side of a tantalum capacitor, because it is easily damaged by the heat.

Reference information

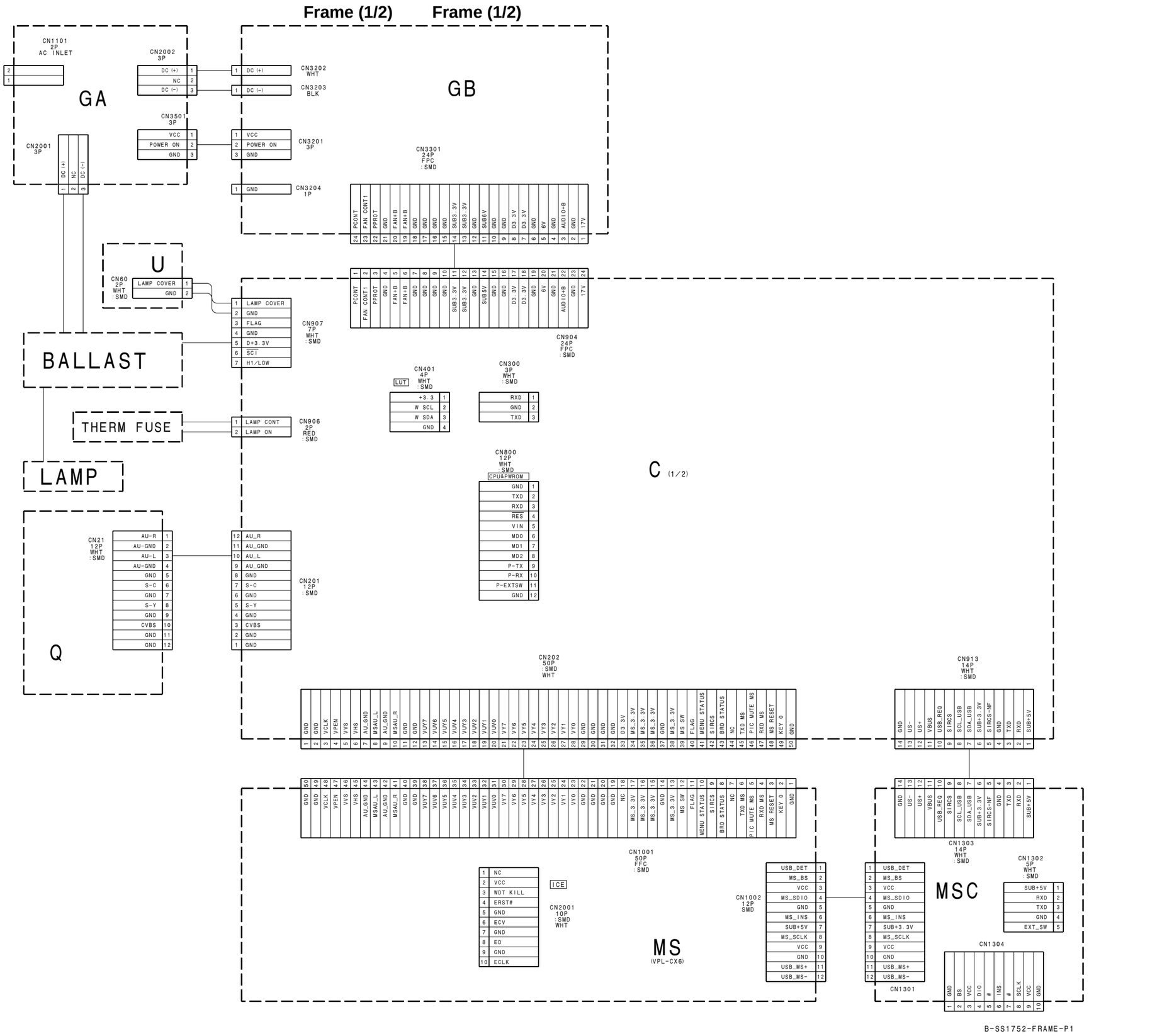
RESISTOR	RN	: METAL FILM
	RC	: SOLID
	FPRD	: NONFLAMMABLE CARBON
	FUSE	: NONFLAMMABLE FUSIBLE
	RS	: NONFLAMMABLE METAL OXIDE
	RB	: NONFLAMMABLE CEMENT
	RW	: NONFLAMMABLE WIREWOUND
	※	: ADJUSTMENT RESISTOR
COIL	LF-8L	: MICRO INDUCTOR
CAPACITOR	TA	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

[Measuring conditions, voltage and waveform]
- A voltage value is the reference value between the measurement point and the earth, when the NTSC color bar signal is received from the color bar generator. (digital multi-meter used: 10 M ohms/V DC)
- Unit of voltage is V (volt).
  (Voltage variations may occur due to normal production tolerances.)
- : B line
- No mark : NTSC (3.58 MHz) color bar signal.
- ☆ : Measurement disabled.
- : Signal path.

The components identified marked ⚠ are critical for safety.
Replace only with the part number specified.

Les composants identifiés par la marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

6-1. Frame Schematic Diagrams



Frame (2/2) Frame (2/2)

LCD (G)

LCD (R)

LCD (B)

VPL-CX6/EX1 ONLY

TEST	COM	VVDD	PCG	VB	HB	DWN	VST	VCK	ENB	BLK	VSSGL	VSS	HCK1	HCK2	HST	RGT	HVDD	VSIG12	VSIG11	VSIG10	VSIG9	VSIG8	VSIG7	VSIG6	VSIG5	VSIG4	VSIG3	VSIG2	VSIG1	VSSGR	PS2G
32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

GREEN CN501 FPC :SMD

RED CN601 32P FPC :SMD

CN701 BLUE 32P FPC :SMD

COM	VVDD	DWN	PCG	VST	VCK	ENB	BLK	VSS	HCK2	HCK1	HST	MODE1	MODE2	MODE3	RGT	HVDD	SIG1	SIG6	SIG2	SIG5	SIG3	SIG4	PSIG									
24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1								

GREEN CN502 24P FPC :SMD

RED CN602 24P FPC :SMD

BLUE CN702 24P FPC :SMD

VPL-CS5A/CS6 ONLY

CN908 3P WHT-L :SMD — FAN+B_OUTF, FAN_PROT, GND → FAN1

CN909 3P WHT-L :SMD — FAN+B_OUTR, FAN_PROT, GND → FAN2

CN910 3P WHT-L :SMD — FAN+B_INRG, FAN_PROT, GND → FAN3

CN911 3P WHT-L :SMD — FAN+B_INB, FAN_PROT, GND → FAN4

CN912 3P WHT-L :SMD — FAN+B_LMP, FAN_PROT, GND → FAN5

CN301 70P BTOB :SMD

A1	B1	A2	B2	A3	B3	A4	B4	A5	B5	A6	B6	A7	B7	A8	B8	A9	B9	A10	B10	A11	B11	A12	B12	A13	B13	A14	B14	A15	B15	A16	B16
GND	A19	GND	A18	GND	A17	GND	A16	A15	A14	A13	A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1	A0	GND	BHENN	GND	ROMCEN	GND	ROMCEN	D3.3V	ROMWEN
A17	B17	A18	B18	A19	B19	A20	B20	A21	B21	A22	B22	A23	B23	A24	B24	A25	B25	A26	B26	A27	B27	A28	B28	A29	B29	A30	B30	A31	B31	A32	B32
D3.3V	ROMWEN	D3.3V	CSO	D3.3V	CS1	GND	RESETN	GND	NMI	GND	FCEN	GND	BOOTWE	GND	VPPEN	D15	D14	D13	D12	D11	D10	D9	D8	D7	D6	D5	D4	D3	D2	D1	D0
A33	B33	A34	B34	A35	B35																										
NC	NC	6V	6V	6V	6V																										

C (2/2)

CN903 12P FPC

GND	GND	KEY0	KEY0	KEY4	KEY4	SUB+3.3V	SUB+3.3V	POWER-LED	POWER-LED	D+3.3V	D+3.3V
12	11	10	9	8	7	6	5	4	3	2	1

CN1501 12P :SMD

H1

CN915 6P WHT :SMD

GND	KEY0	SUB+3.3V	PSAVE-LED	LAMP-LED	TEMP-LED
6	5	4	3	2	1

CN1551 6P :SMD

H2

CN1101 5P WHT :SMD

M+	M-	T1	T2	T3	
1	2	3	4	5	

MOTOR

CN1 7P WHT :SMD

M+	M-	T1	T2	T3	MOTOR-	MOTOR+
1	2	3	4	5	6	7

S

CN1102 2P WHT :SMD

SP+	SP-
1	2

LOUDSPEAKER

CN901 4P WHT :SMD

GND	FILT COVER	EXT_TEMP	SUB+3.3V
4	3	2	1

CN70 4P WHT :SMD

V

CN914 5P :SMD

L CONT	17V	GND	SIRCS-NR	SUB+5V
5	4	3	2	1

CN1201 2P

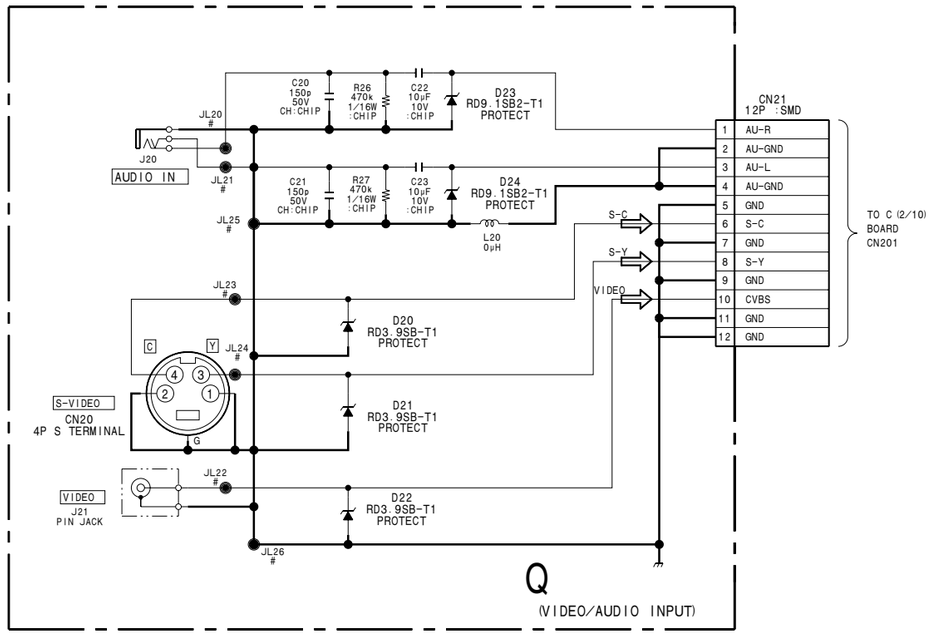
L

CN50 3P WHT :SMD

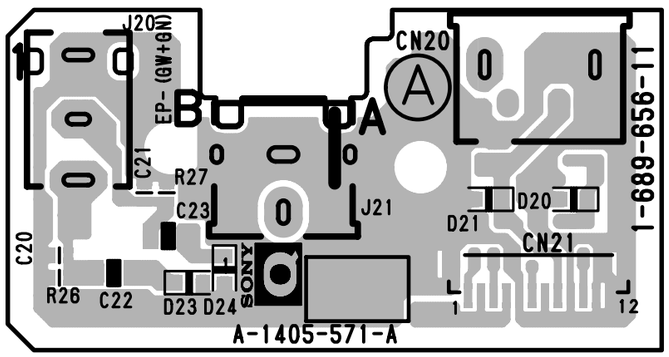
NR

B-SS1752-FRAME-P2

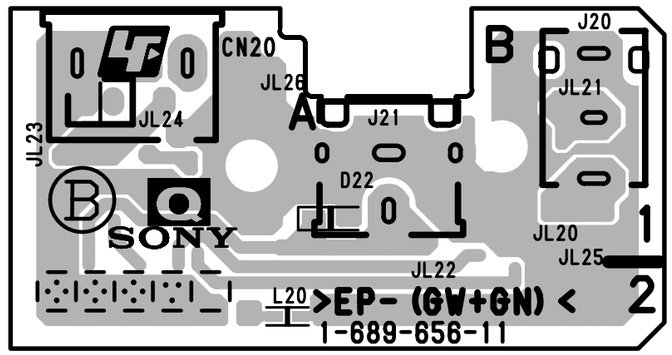
6-2. Schematic Diagrams and Board Layouts



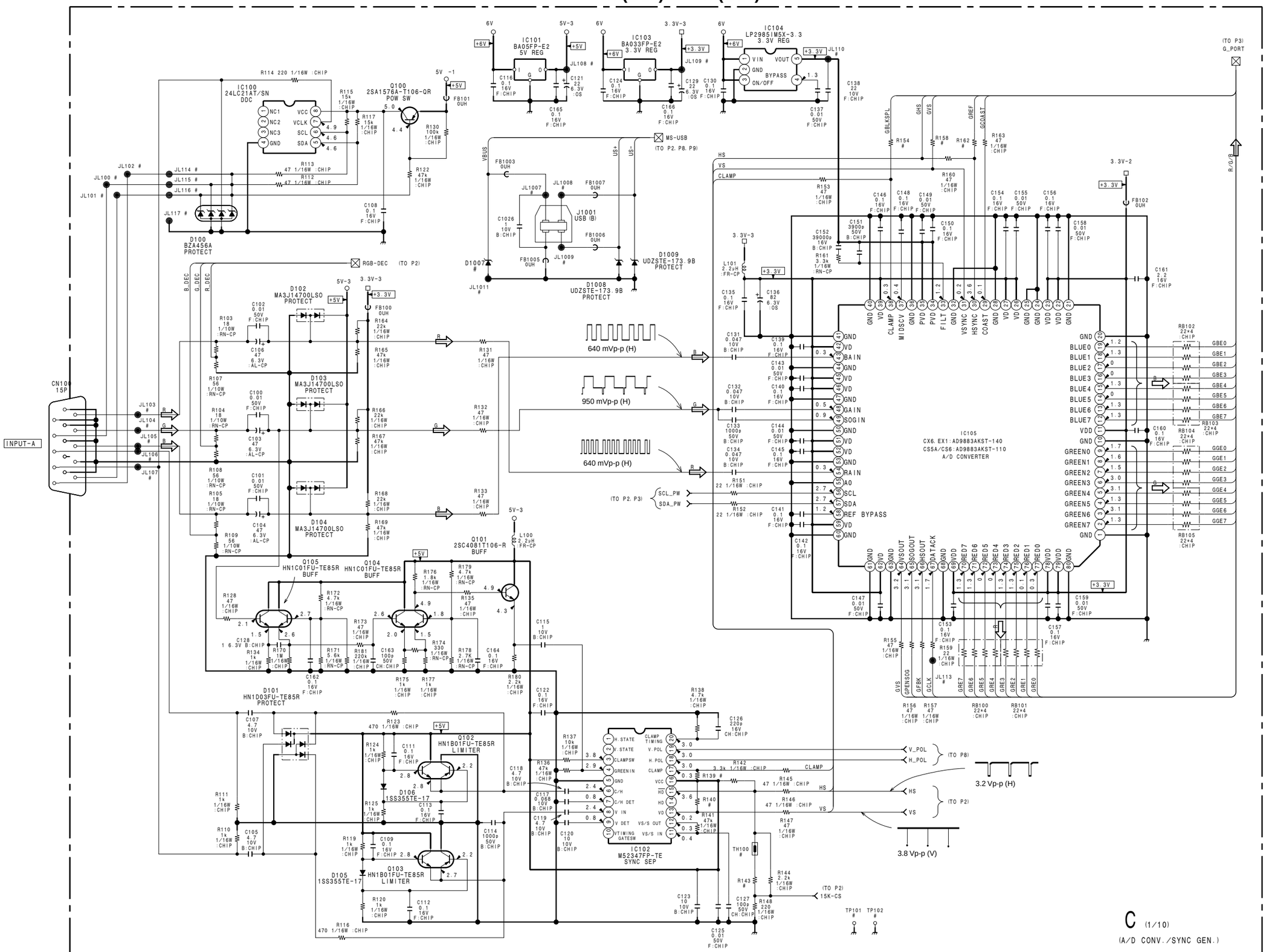
B-SS1752-Q



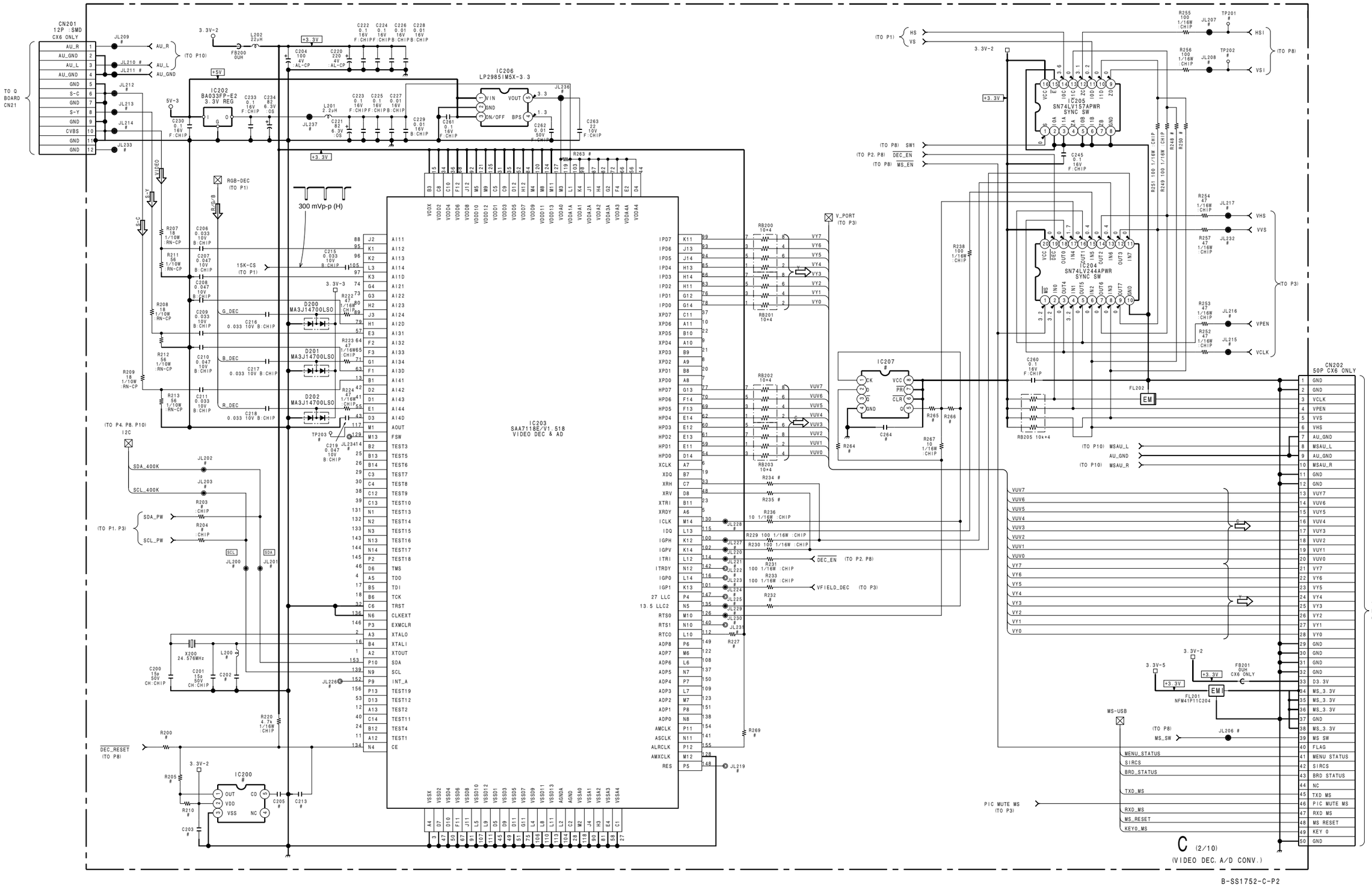
Q -A SIDE-
SUFFIX: -11

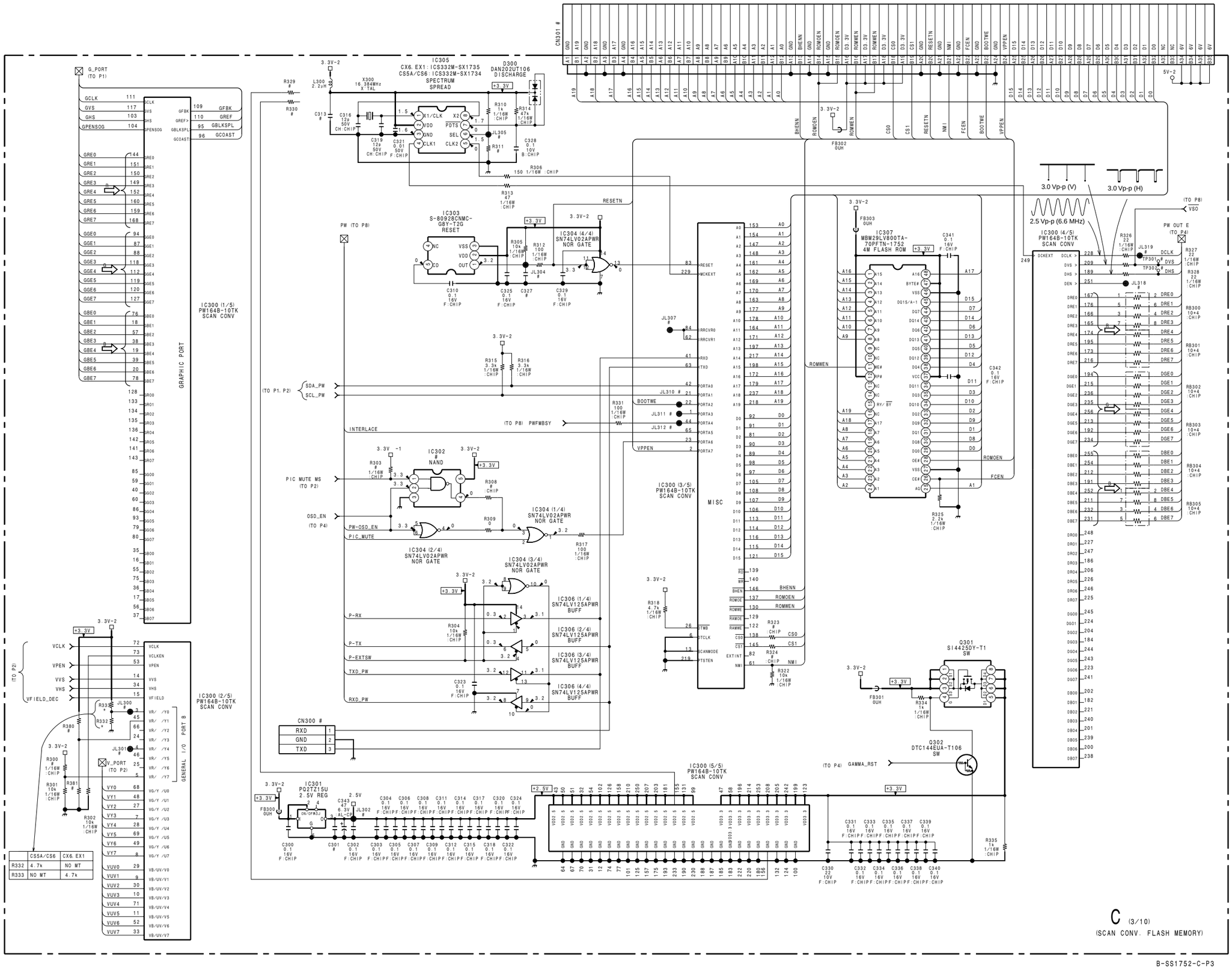


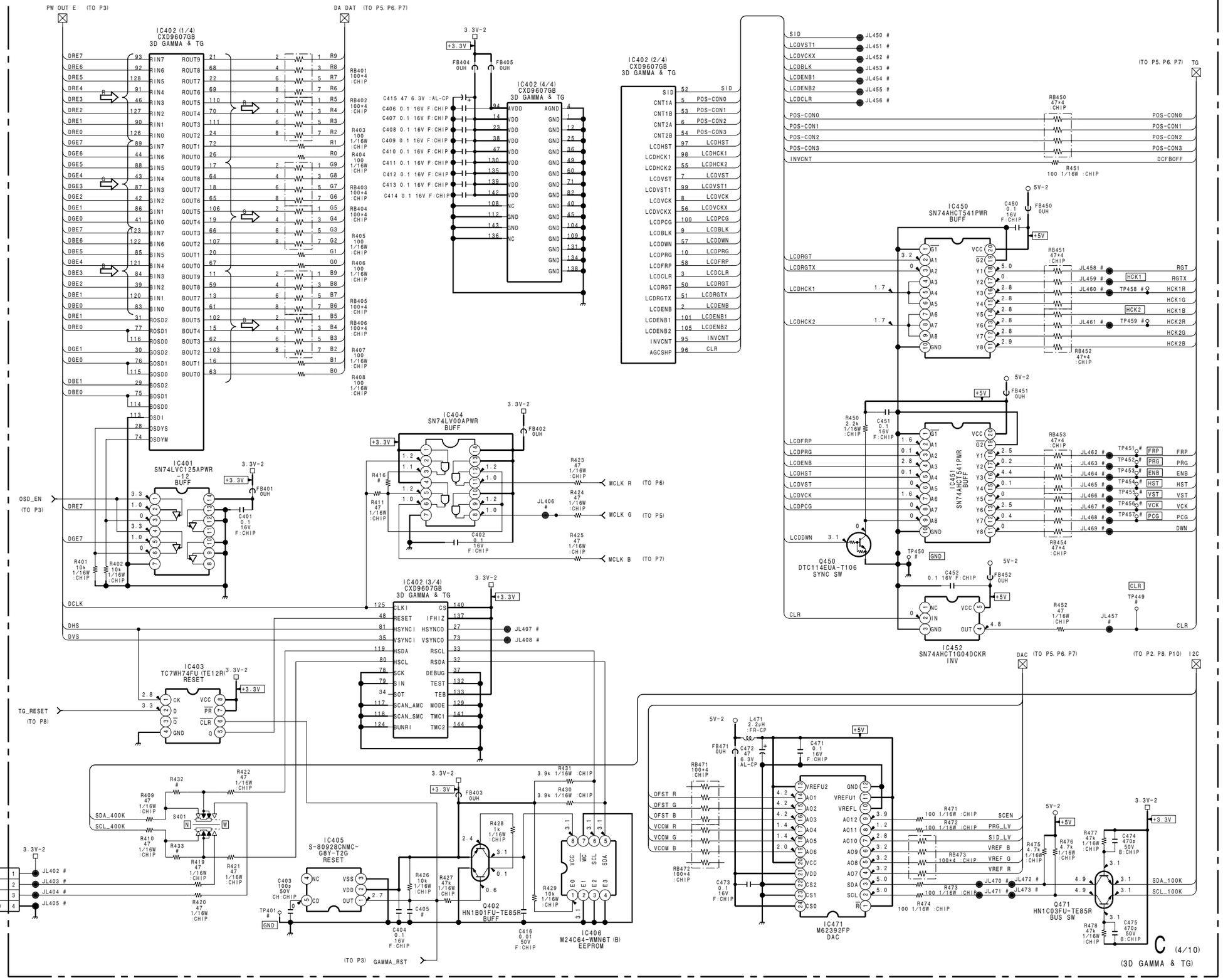
Q -B SIDE-
SUFFIX: -11

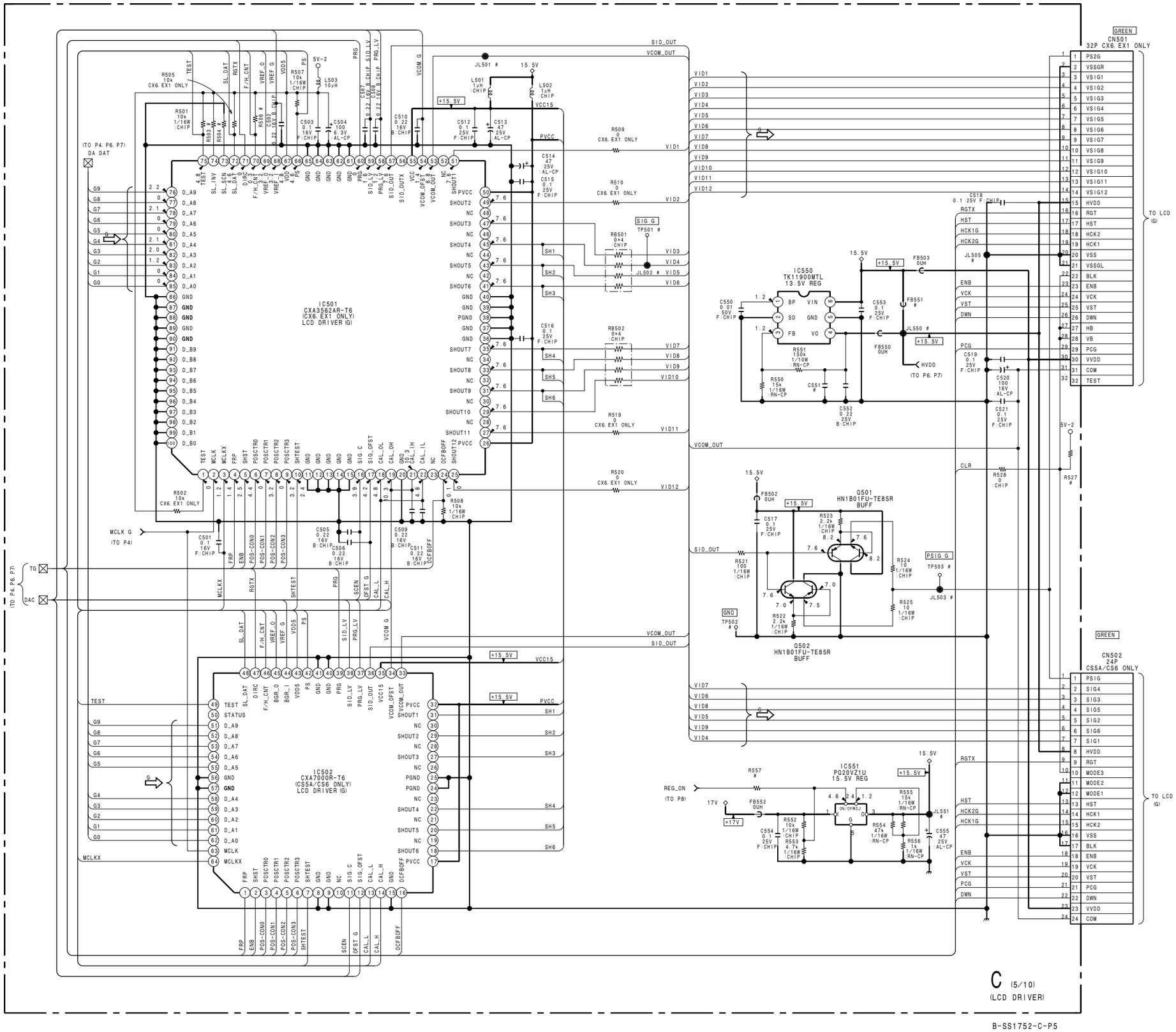

IC101 BA05FP-E2 5V REG
IC103 BA033FP-E2 3.3V REG
IC104 LP2985IM5X-3.3 3.3V REG
IC100 24LC21AT/SN DDC
Q100 2SA1576A-T106-QR POW SW
MS-USB
(TO P2, P8, P9)
J1001 USB (B)
D100 BZA456A PROTECT
D1009 UDZSTE-173.9B PROTECT
D1008 UDZSTE-173.9B PROTECT
RGB-DEC (TO P2)
D102 MA3J14700LSO PROTECT
D103 MA3J14700LSO PROTECT
D104 MA3J14700LSO PROTECT
CN100 15P
INPUT-A
640 mVp-p (H)
950 mVp-p (H)
640 mVp-p (H)
(TO P2, P3) SCL_PW
SDA_PW
IC105 CX6. EX1: AD9883AKST-140 CSSA/CS6: AD9883AKST-110 A/D CONVERTER
(TO P3) G_PORT
R/G/B
Q101 2SC4081T106-R BUFF
Q105 HN1C01FU-TE85R BUFF
Q104 HN1C01FU-TE85R BUFF
D101 HN1D03FU-TE85R PROTECT
Q102 HN1B01FU-TE85R LIMITER
D106 1SS355TE-17
D105 1SS355TE-17
Q103 HN1B01FU-TE85R LIMITER
IC102 M52347FP-TE SYNC SEP
V_POL
H_POL
(TO P8)
3.2 Vp-p (H)
HS
VS
(TO P2)
3.8 Vp-p (V)
15K-CS
C (1/10)
(A/D CONV./SYNC GEN.)

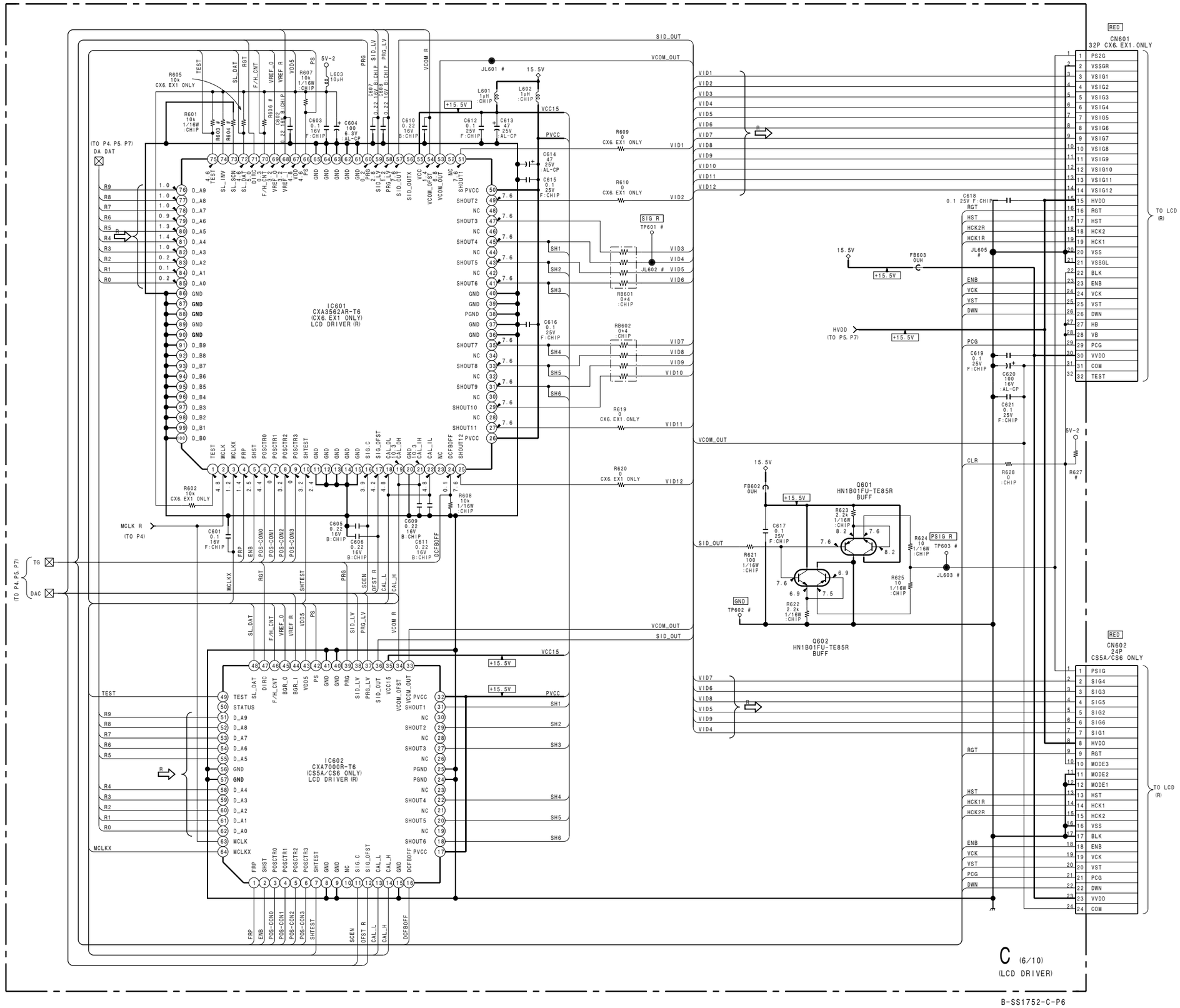
B-SS1752-C-P1


CN201
12P :SMD
CX6 ONLY
TO Q BOARD CN21
AU_R
AU_GND
AU_L
AU_GND
GND
S-C
GND
S-Y
GND
CVBS
GND
GND
(TO P10)
IC202
BA033FP-E2
3.3V REG
IC206
LP2985IM5X-3.3
VIN
GND
ON/OFF
VOUT
BPS
3.3
1.3
JL236 #
JL237 #
L202 22uH
FB200 0UH
L201 2.2uH
+3.3V
+5V
5V-3
3.3V-2
IC203
SAA7118E/V1 518
VIDEO DEC & AD
300 mVp-p (H)
RGB-DEC
(TO P1)
15K-CS
(TO P1)
G_DEC
B_DEC
R_DEC
D200
MA3J14700LS0
D201
MA3J14700LS0
D202
MA3J14700LS0
TP203 #
JL23414 #
(TO P4, P8, P10)
I2C
SDA_400K
SCL_400K
SDA_PW
SCL_PW
(TO P1, P3)
JL200 #
JL201 #
JL202 #
JL203 #
JL212 #
JL213 #
JL214 #
JL233 #
JL226 #
X200
24.576MHz
L200
C200 15p 50V CH:CHIP
C201 15p 50V CH:CHIP
C202 #
R220 4.7k 1/16W :CHIP
R200 #
DEC_RESET
(TO P8)
IC200 #
OUT
VDD
VSS
CD
NC
R205 #
R210 #
C203 #
C205 #
C213 #
RB200 10×4
RB201 10×4
RB202 10×4
RB203 10×4
V_PORT
(TO P3)
R234 #
R235 #
R236 10 1/16W :CHIP
R229 100 1/16W :CHIP
R230 100 1/16W :CHIP
R231 100 1/16W :CHIP
R232 #
R233 100 1/16W :CHIP
R269 #
R227 #
DEC_EN (TO P2, P8)
VFIELD_DEC (TO P3)
IC207 #
R264 #
R265 #
R266 #
R267 10 1/16W :CHIP
IC205
SN74LV157APWR
SYNC SW
IC204
SN74LV244APWR
SYNC SW
(TO P8) SW1
(TO P2, P8) DEC_EN
(TO P8) MS_EN
(TO P1) HS
VS
R255 100 1/16W :CHIP
R256 100 1/16W :CHIP
R248 # R250 #
R251 100 1/16W :CHIP
R249 100 1/16W :CHIP
R238 100 1/16W :CHIP
C245 0.1 16V F:CHIP
C260 0.1 16V F:CHIP
JL207 # JL208 # JL217 # JL232 # JL216 # JL215 #
TP201 # TP202 #
HSI VSI VHS VVS VPEN VCLK
(TO P8) (TO P3)
FL202
EM
RB205 10k×4
(TO P10) MSAU_L
AU_GND
(TO P10) MSAU_R
VUV7 VUV6 VUV5 VUV4 VUV3 VUV2 VUV1 VUV0
VY7 VY6 VY5 VY4 VY3 VY2 VY1 VY0
C264 #
3.3V-5
FB201 0UH CX6 ONLY
FL201 NFM41P11C204
MS-USB
(TO P8) MS_SW
JL306 #
PIC MUTE MS (TO P3)
CN202
50P CX6 ONLY
TO MS (1/3) BOARD CN1001
GND
GND
VCLK
VPEN
VVS
VHS
AU_GND
MSAU_L
AU_GND
MSAU_R
GND
GND
VUV7
VUV6
VUV5
VUV4
VUV3
VUV2
VUV1
VUV0
VY7
VY6
VY5
VY4
VY3
VY2
VY1
VY0
GND
GND
GND
GND
D3.3V
MS_3.3V
MS_3.3V
MS_3.3V
GND
MS_3.3V
MS SW
FLAG
MENU STATUS
SIRCS
BRD STATUS
NC
TXD MS
PIC MUTE MS
RXD MS
MS RESET
KEY 0
GND
MENU_STATUS
SIRCS
BRD_STATUS
TXD_MS
RXD_MS
MS_RESET
KEY0_MS
C (2/10)
(VIDEO DEC, A/D CONV.)
B-SS1752-C-P2

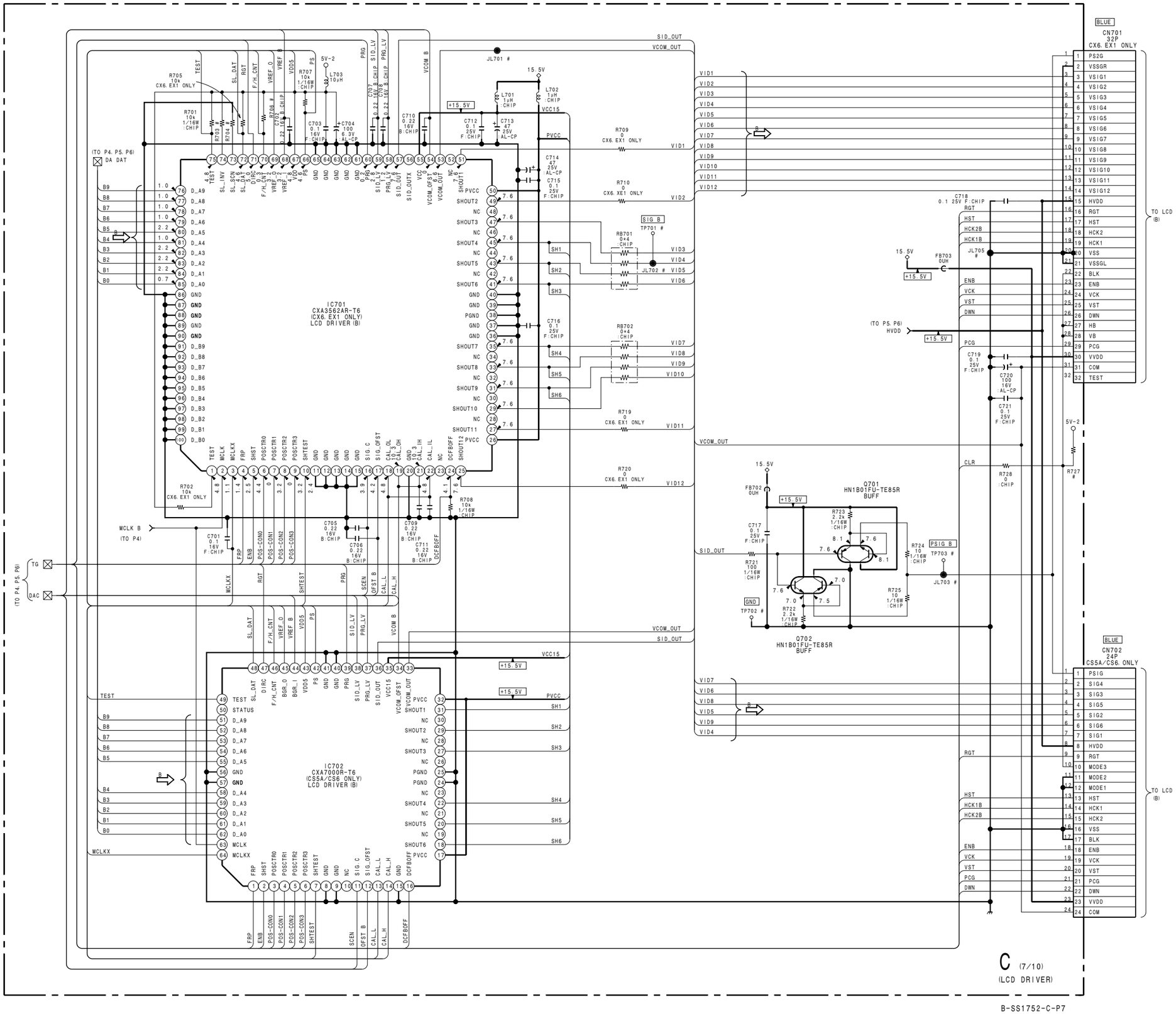

G_PORT
(TO P1)
GRAPHIC PORT
IC300 (1/5)
PW164B-10TK
SCAN CONV
IC305
CX6. EX1 : ICS332M-SX1735
CS5A/CS6 : ICS332M-SX1734
SPECTRUM
SPREAD
X300
16.384MHz
X'TAL
D300
DAN202UT106
DISCHARGE
IC303
S-80928CNMC-
G8Y-T2G
RESET
IC304 (4/4)
SN74LV02APWR
NOR GATE
IC304 (1/4)
SN74LV02APWR
NOR GATE
IC304 (2/4)
SN74LV02APWR
NOR GATE
IC304 (3/4)
SN74LV02APWR
NOR GATE
IC306 (1/4)
SN74LV125APWR
BUFF
IC306 (2/4)
SN74LV125APWR
BUFF
IC306 (3/4)
SN74LV125APWR
BUFF
IC306 (4/4)
SN74LV125APWR
BUFF
IC302
NAND
IC307
MBM29LV800TA-
70PFTN-1752
4M FLASH ROM
IC300 (4/5)
PW164B-10TK
SCAN CONV
IC300 (3/5)
PW164B-10TK
SCAN CONV
MISC
IC300 (5/5)
PW164B-10TK
SCAN CONV
IC300 (2/5)
PW164B-10TK
SCAN CONV
IC301
PQ2TZ15U
2.5V REG
Q301
SI4425DY-T1
SW
Q302
DTC144EUA-T1106
SW
CN301 #
CN300 #
3.0 Vp-p (V)
3.0 Vp-p (H)
2.5 Vp-p (6.6 MHz)
PW OUT E
(TO P4)
(TO P8)
VSO
PW (TO P8)
(TO P1, P2)
SDA_PW
SCL_PW
INTERLACE
(TO P8) PWFMBSY
PIC MUTE MS
(TO P2)
OSD_EN
(TO P4)
PW-OSD_EN
P-RX
P-TX
P-EXTSW
TXD_PW
RXD_PW
RESETN
VPPEN
BOOTWE
ROMOEN
ROMWEN
FCEN
BHENN
CS0
CS1
NMI
GAMMA_RST
V_PORT
(TO P2)
GENERAL I/O PORT B
CS5A/CS6 CX6. EX1
R332 4.7k NO MT
R333 NO MT 4.7k
C (3/10)
(SCAN CONV. FLASH MEMORY)
B-SS1752-C-P3


PW OUT E (TO P3)
DA DAT (TO P5, P6, P7)
IC402 (1/4) CXD9607GB 3D GAMMA & TG
IC402 (2/4) CXD9607GB 3D GAMMA & TG
IC402 (3/4) CXD9607GB 3D GAMMA & TG
IC402 (4/4) CXD9607GB 3D GAMMA & TG
IC401 SN74LVC125APWR -12 BUFF
IC403 TC7WH74FU (TE12R) RESET
IC404 SN74LV00APWR BUFF
IC405 S-80928CNMC-G8Y-T2G RESET
IC406 M24C64-WMN6T (B) EEPROM
IC450 SN74AHCT541PWR BUFF
IC451 SN74AHCT541PWR BUFF
IC452 SN74AHCT1G04DCKR INV
IC471 M62392FP DAC
Q401 HN1B01FU-TE85R BUFF
Q402 HN1B01FU-TE85R BUFF
Q450 DTC114EUA-T106 SYNC SW
Q471 HN1C03FU-TE85R BUS SW
CN401 4P WHT :SMD
OSD_EN (TO P3)
DCLK
DHS
DVS
TG_RESET (TO P8)
SDA_400K
SCL_400K
GAMMA_RST (TO P3)
MCLK R (TO P6)
MCLK G (TO P5)
MCLK B (TO P7)
DAC (TO P5, P6, P7)
I2C (TO P2, P8, P10)
TG (TO P5, P6, P7)
SID
LCDVST1
LCDVCKX
LCDBLK
LCDENB1
LCDENB2
LCDCLR
POS-CON0
POS-CON1
POS-CON2
POS-CON3
INVCNT
DCFBOFF
LCDRGT
LCDRGTX
LCDHCK1
LCDHCK2
LCDFRP
LCDPRG
LCDENB
LCDHST
LCDVST
LCDVCK
LCDPCG
LCDDWN
CLR
SCEN
PRG_LV
SID_LV
VREF B
VREF G
VREF R
RGT
HCK1R
HCK1G
HCK1B
HCK2R
HCK2G
HCK2B
FRP
PRG
ENB
HST
VST
VCK
PCG
DWN
SDA_100K
SCL_100K
C (4/10)
(3D GAMMA & TG)
B-SS1752-C-P4

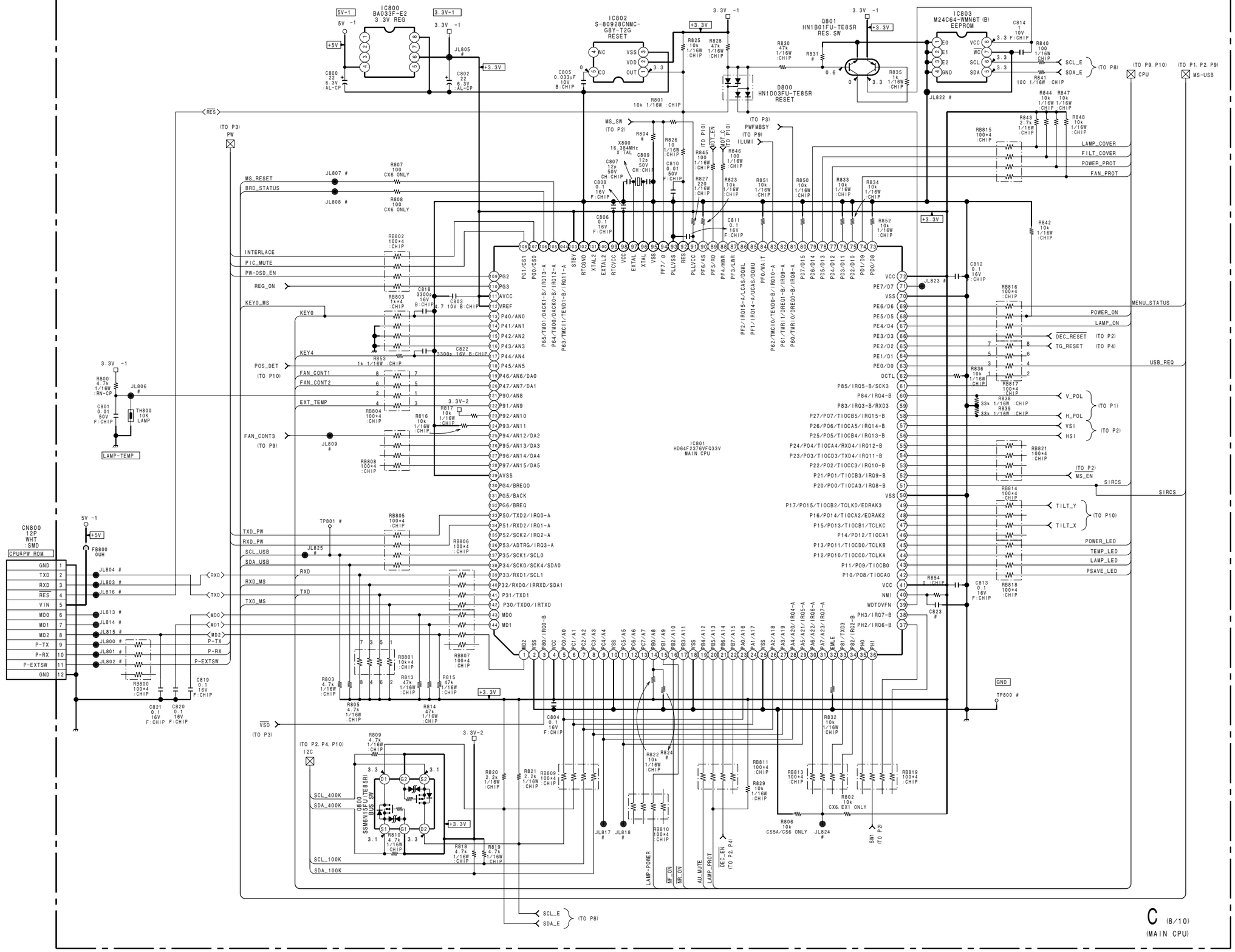

IC501
CXA3562AR-T6
(CX6. EX1 ONLY)
LCD DRIVER (G)
IC502
CXA7000R-T6
(CS5A/CS6 ONLY)
LCD DRIVER (G)
IC550
TK11900MTL
13.5V REG
IC551
PQ20VZ1U
15.5V REG
Q501
HN1B01FU-TE85R
BUFF
Q502
HN1B01FU-TE85R
BUFF
CN501
32P CX6. EX1 ONLY
GREEN
CN502
24P
CS5A/CS6 ONLY
GREEN
SID_OUT
VCOM_OUT
VID1
VID2
VID3
VID4
VID5
VID6
VID7
VID8
VID9
VID10
VID11
VID12
VCC15
PVCC
+15.5V
15.5V
+17V
17V
HVDD
SIG G
PSIG G
MCLK G
REG_ON
TO LCD (G)
(TO P4. P6. P7)
DA DAT
TG
DAC
(TO P4)
(TO P8)
(TO P6. P7)
(LCD DRIVER)
B-SS1752-C-P5

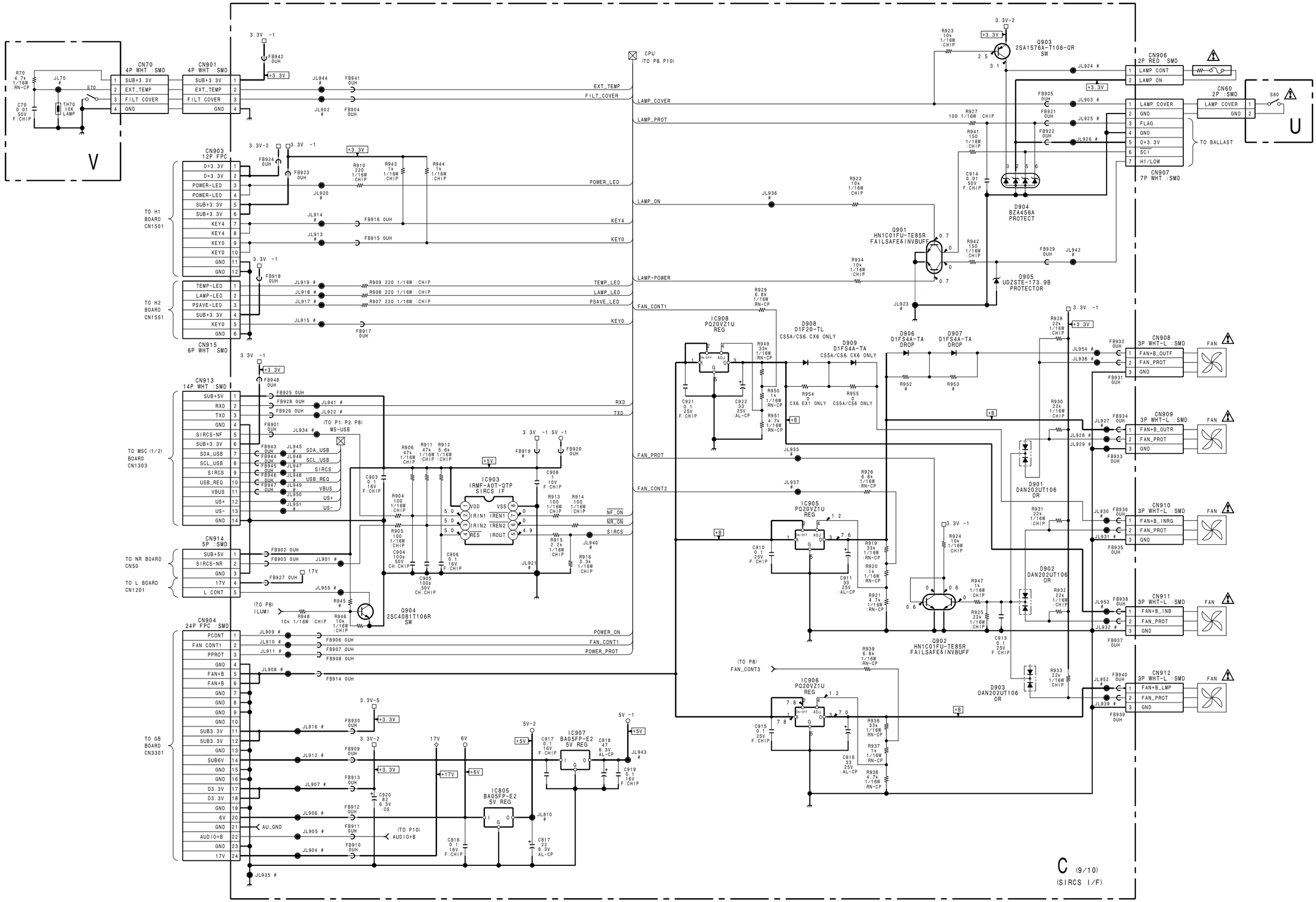

IC601
CXA3562AR-T6
(CX6. EX1 ONLY)
LCD DRIVER (R)
IC602
CXA7000R-T6
(CS5A/CS6 ONLY)
LCD DRIVER (R)
Q601
HN1B01FU-TE85R
BUFF
Q602
HN1B01FU-TE85R
BUFF
CN601
32P CX6. EX1 ONLY
CN602
24P
CS5A/CS6 ONLY
TO LCD (R)
SID_OUT
VCOM_OUT
VCC15
PVCC
+15.5V
5V-2
MCLK R
(TO P4)
(TO P4. P5. P7)
DA DAT
TG
DAC
SIG R
PSIG R
GND
HVDD
(TO P5. P7)
C (6/10)
(LCD DRIVER)

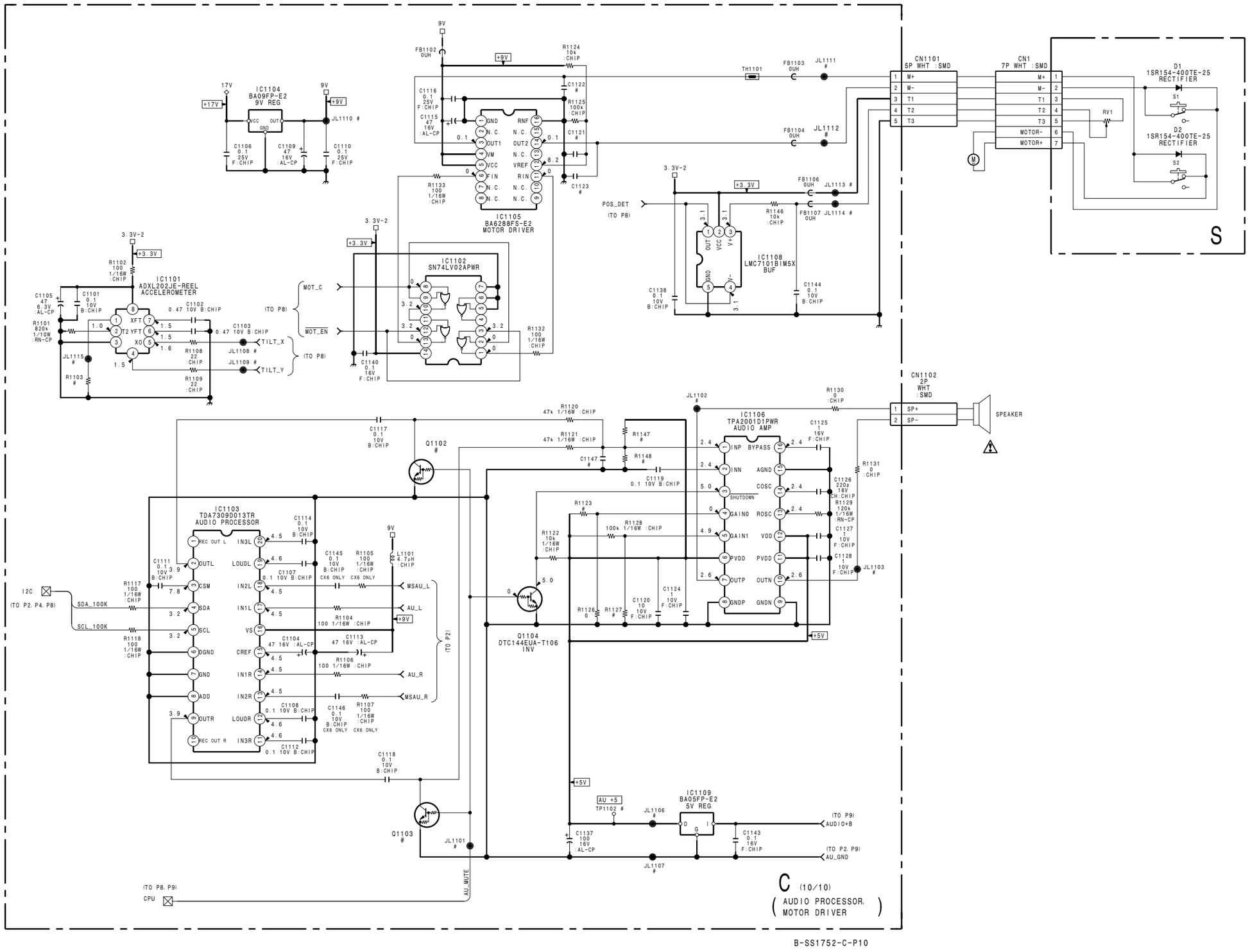
B-SS1752-C-P6

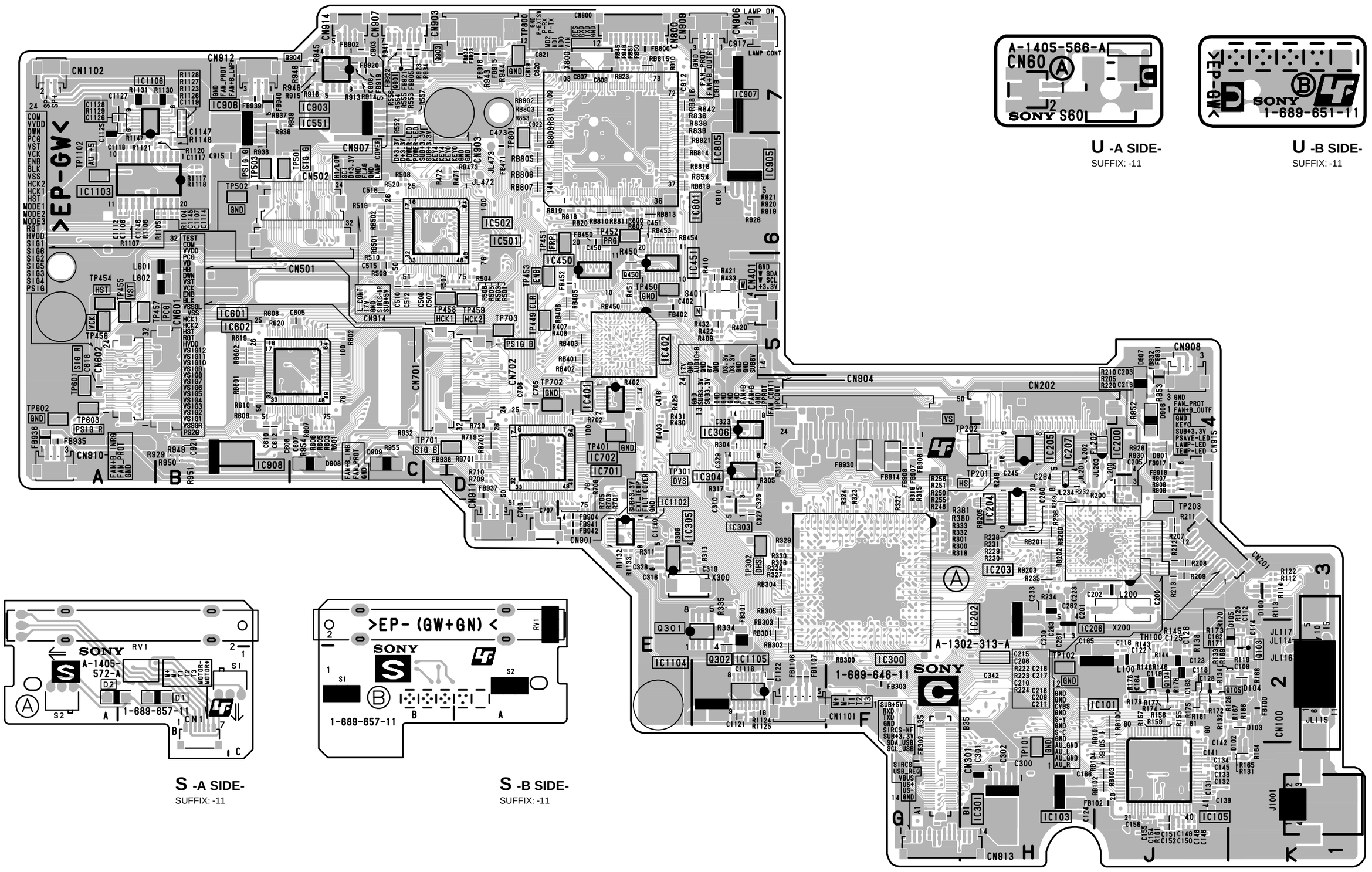

IC701
CXA3562AR-T6
(CX6. EX1 ONLY)
LCD DRIVER (B)
IC702
CXA7000R-T6
(CS5A/CS6 ONLY)
LCD DRIVER (B)
Q701
HN1B01FU-TE85R
BUFF
Q702
HN1B01FU-TE85R
BUFF
CN701
32P
CX6. EX1 ONLY
CN702
24P
CS5A/CS6. ONLY
TO LCD (B)
(TO P4. P5. P6)
DA DAT
MCLK B
(TO P4)
TG
DAC
(TO P5. P6)
HVDD
SIG B
PSIG B
C (7/10)
(LCD DRIVER)

B-SS1752-C-P7


IC800 BA033F-E2 3.3V REG
IC802 S-80928CNMC-G8Y-T2G RESET
Q801 HN1B01FU-TE85R RES.SW
D800 HN1D03FU-TE85R RESET
IC803 M24C64-WMN6T (B) EEPROM
IC801 HD64F2376VFQ33V MAIN CPU
Q800 SSM6N15FU TE85R BUS SW
CN800 12P WHT :SMD CPU&PW ROW
TH800 10K LAMP
LAMP-TEMP
(TO P3) PW
(TO P8) CPU
(TO P9, P10) MS-USB
(TO P1) V_POL H_POL VSI
(TO P2) HSI MS_EN DEC_EN
(TO P10) TILT_Y TILT_X
(TO P8) SCL_E SDA_E
MS_RESET
BRD_STATUS
INTERLACE
PIC_MUTE
PW-OSD_EN
REG_ON
KEY0_MS
KEY0
KEY4
POS_DET
FAN_CONT1
FAN_CONT2
EXT_TEMP
FAN_CONT3
TXD_PW
RXD_PW
SCL_USB
SDA_USB
RXD_MS
TXD_MS
RXD
TXD
MD0
MD1
MD2
P-TX
P-RX
P-EXTSW
VSO
SCL_400K
SDA_400K
SCL_100K
SDA_100K
LAMP_COVER
FILT_COVER
POWER_PROT
FAN_PROT
MENU_STATUS
POWER_ON
LAMP_ON
DEC_RESET
TG_RESET
USB_REQ
SIRCS
POWER_LED
TEMP_LED
LAMP_LED
PSAVE_LED
LAMP-POWER
NF_ON
NR_ON
AU_MUTE
LAMP_PROT
C (8/10)
(MAIN CPU)
B-SS1752-C-P8


V
U
C (9/10)
(SIRCS I/F)
CN70 4P WHT :SMD
CN901 4P WHT :SMD
CN903 12P FPC
CN915 6P WHT :SMD
CN913 14P WHT :SMD
CN914 5P :SMD
CN904 24P FPC :SMD
CPU (TO P8, P10)
IC903 IRMF-A0T-QTP SIRCS I/F
IC908 PQ20VZ1U REG
IC905 PQ20VZ1U REG
IC906 PQ20VZ1U REG
IC907 BA05FP-E2 5V REG
IC805 BA05FP-E2 5V REG
Q903 2SA1576A-T106-QR SW
Q904 2SC4081T106R SW
Q901 HN1C01FU-TE85R FAILSAFE&INVBUFF
Q902 HN1C01FU-TE85R FAILSAFE&INVBUFF
D904 BZA456A PROTECT
D905 UDZSTE-173.9B PROTECTOR
D908 D1F20-TL CS5A/CS6. CX6 ONLY
D909 D1FS4A-TA CS5A/CS6. CX6 ONLY
D906 D1FS4A-TA DROP
D907 D1FS4A-TA DROP
D901 DAN202UT106 OR
D902 DAN202UT106 OR
D903 DAN202UT106 OR
CN906 2P RED :SMD
CN60 2P :SMD
CN907 7P WHT :SMD
CN908 3P WHT-L :SMD
CN909 3P WHT-L :SMD
CN910 3P WHT-L :SMD
CN911 3P WHT-L :SMD
CN912 3P WHT-L :SMD
FAN
TO BALLAST
TO H1 BOARD CN1501
TO H2 BOARD CN1551
TO MSC (1/2) BOARD CN1303
TO NR BOARD CN50
TO L BOARD CN1201
TO GB BOARD CN3301
EXT_TEMP
FILT_COVER
LAMP_COVER
LAMP_PROT
POWER_LED
LAMP_ON
KEY4
KEY0
LAMP-POWER
TEMP_LED
LAMP_LED
PSAVE_LED
FAN_CONT1
FAN_PROT
FAN_CONT2
RXD
TXD
NF_ON
NR_ON
SIRCS
POWER_ON
FAN_CONT1
POWER_PROT
SDA_USB
SCL_USB
SIRCS
USB_REQ
VBUS
US+
US-
AUDIO+B
FAN_CONT3


IC1104
BA09FP-E2
9V REG
IC1105
BA6288FS-E2
MOTOR DRIVER
IC1101
ADXL202JE-REEL
ACCELEROMETER
IC1102
SN74LV02APWR
IC1108
LMC7101BIM5X
BUF
IC1103
TDA7309D013TR
AUDIO PROCESSOR
IC1106
TPA2001D1PWR
AUDIO AMP
IC1109
BA05FP-E2
5V REG
Q1102
Q1103
Q1104
DTC144EUA-T106
INV
CN1101
5P WHT :SMD
CN1
7P WHT :SMD
CN1102
2P
WHT
:SMD
D1
1SR154-400TE-25
RECTIFIER
D2
1SR154-400TE-25
RECTIFIER
SPEAKER
MOT_C
MOT_EN
TILT_X
TILT_Y
POS_DET
I2C
SDA_100K
SCL_100K
MSAU_L
AU_L
AU_R
MSAU_R
AU_MUTE
AU +5
CPU
AUDIO+B
AU_GND
C (10/10)
(AUDIO PROCESSOR, MOTOR DRIVER)
B-SS1752-C-P10



U -A SIDE-
SUFFIX: -11

U -B SIDE-
SUFFIX: -11

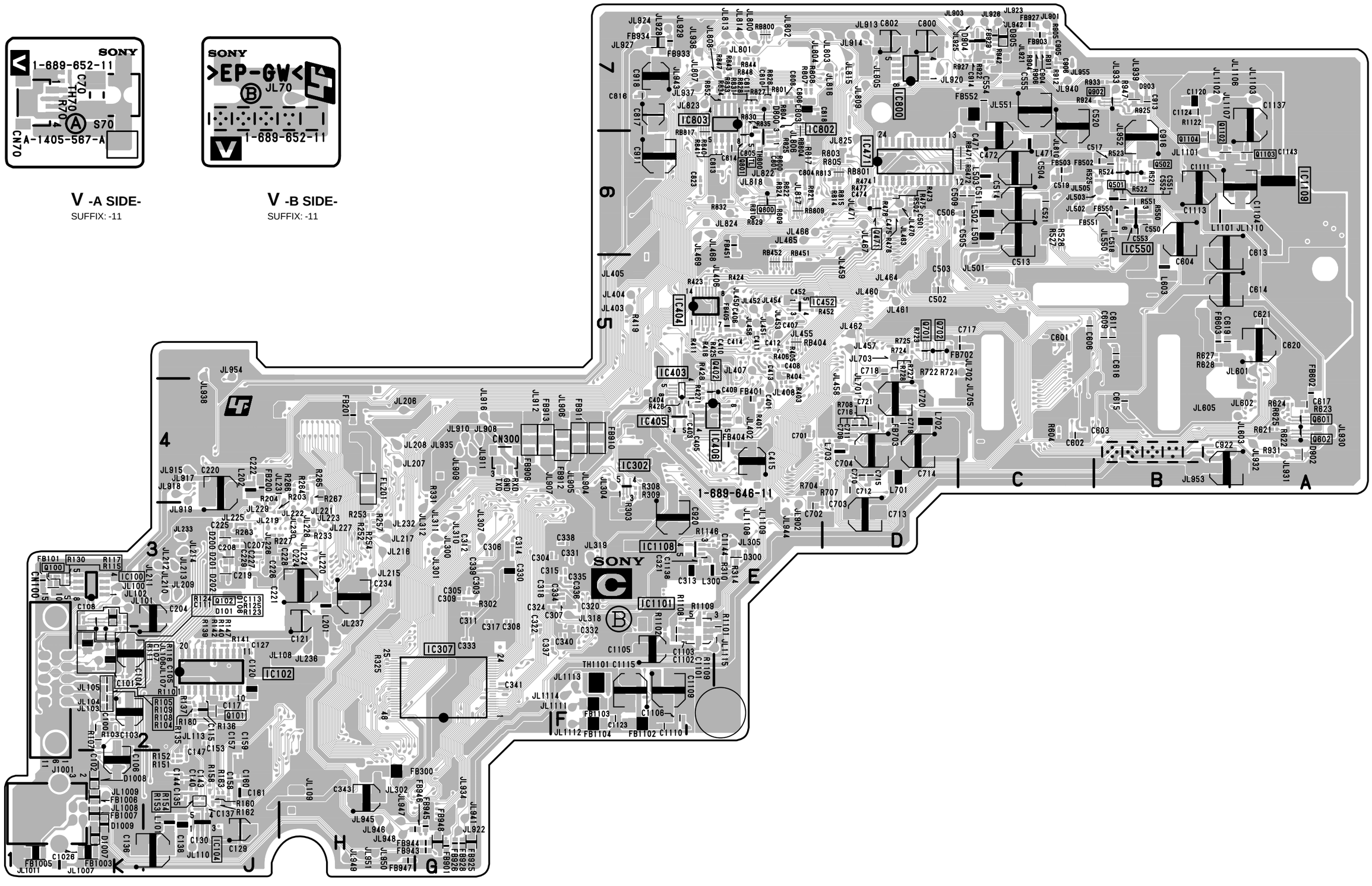
S -A SIDE-
SUFFIX: -11

S -B SIDE-
SUFFIX: -11

C -A SIDE-
SUFFIX: -11

V -A SIDE-
SUFFIX: -11

V -B SIDE-
SUFFIX: -11



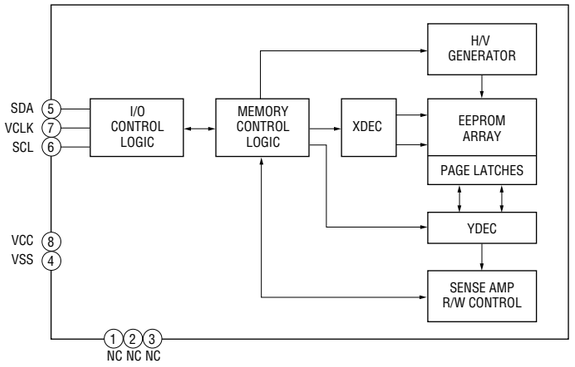
C -B SIDE-
SUFFIX: -11

C BOARD

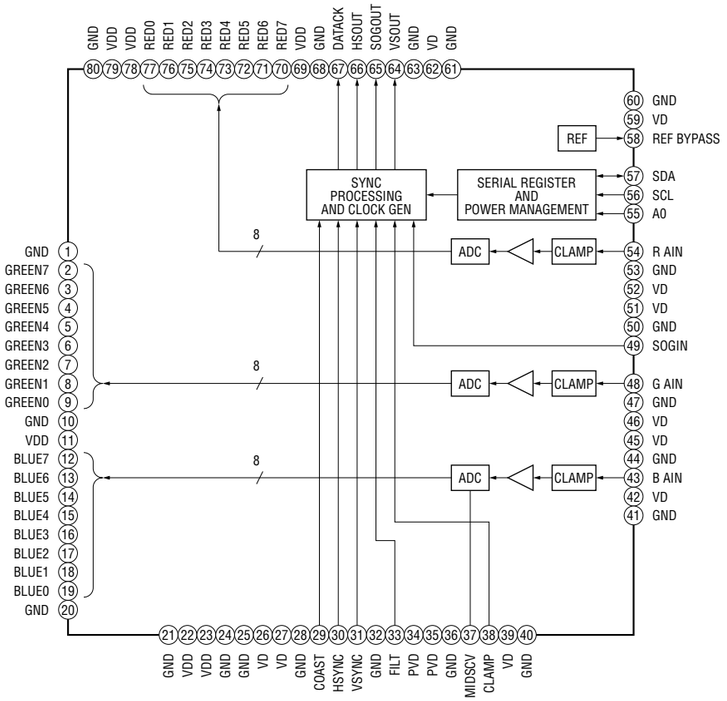
*:B SIDE

D100		K-3	Q100	*	K-3
D101	*	J-3	Q101	*	J-2
D102		K-1	Q102	*	J-3
D103		K-2	Q103		K-2
D104		K-2	Q104		J-2
D105		K-2	Q105		K-2
D106	*	J-3	Q301		E-2
D200	*	J-3	Q302		F-2
D201	*	J-3	Q402	*	E-5
D202	*	J-3	Q450		E-5
D300	*	E-3	Q471	*	D-6
D800	*	E-7	Q501	*	B-6
D901		J-4	Q502	*	B-6
D902	*	A-4	Q601	*	A-4
D903	*	B-7	Q602	*	A-4
D904	*	C-7	Q701	*	D-5
D905	*	C-7	Q702	*	D-5
D906		J-4	Q800	*	E-6
D907		J-5	Q801	*	E-6
D908		C-4	Q901		C-7
D909		C-4	Q902	*	C-7
D1007	*	K-1	Q903		D-7
D1008	*	K-1	Q904		B-7
D1009	*	K-1	Q1102	*	B-6
			Q1103	*	A-6
IC100	*	K-3	Q1104	*	B-6
IC101		J-2			
IC102	*	J-2	TP101		H-1
IC103		H-1	TP102		H-2
IC104	*	J-1	TP201		H-4
IC105		J-1	TP202		H-4
IC200		J-4	TP203		J-3
IC202		H-2	TP301		E-4
IC203		H-3	TP302		F-3
IC204		H-3	TP401		E-4
IC205		H-4	TP449		D-5
IC206		H-2	TP450		E-5
IC207		H-4	TP451		D-6
IC300		G-2	TP452		E-6
IC301		H-1	TP453		D-5
IC302	*	F-4	TP454		A-5
IC303		F-3	TP455		A-5
IC304		F-4	TP456		A-5
IC305		E-3	TP457		B-5
IC306		F-4	TP458		D-5
IC307	*	G-2	TP459		D-5
IC401		E-4	TP501		C-6
IC402		E-5	TP502		B-6
IC403	*	FF-5	TP503		B-6
IC404	*	F-5	TP601		A-4
IC405	*	F-4	TP602		A-4
IC406	*	E-4	TP603		A-4
IC450		E-5	TP701		D-4
IC451		E-5	TP702		D-4
IC452	*	E-5	TP703		D-5
IC471	*	D-6	TP800		D-7
IC501		D-6	TP801		D-6
IC502		D-6	TP1102		A-6
IC550	*	B-6			
IC551		C-7			
IC601		B-5			
IC602		B-5			
IC701		E-4			
IC702		E-4			
IC800	*	D-7			
IC801		E-6			
IC802	*	E-7			
IC803	*	E-7			
IC805		F-6			
IC903		C-7			
IC905		F-6			
IC906		B-7			
IC907		F-7			
IC908		B-4			
IC1101	*	F-3			
IC1102		E-3			
IC1103		A-6			
IC1104		E-2			
IC1105		F-2			
IC1106		A-7			
IC1108	*	F-3			
IC1109	*	A-6			

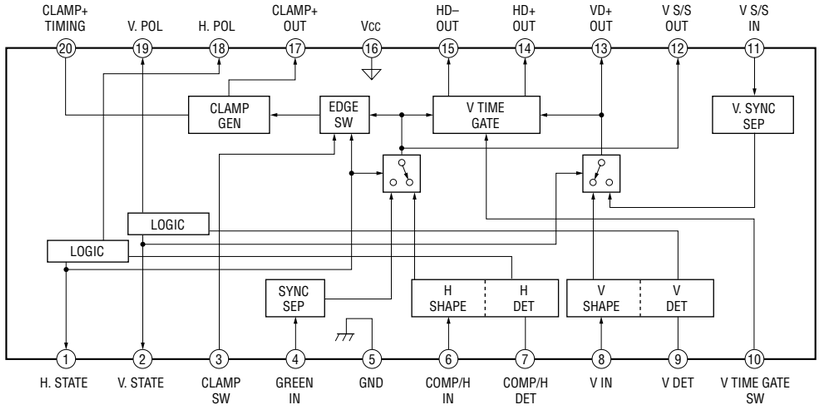
C (1/10) 24LC21AT/SN (IC100)



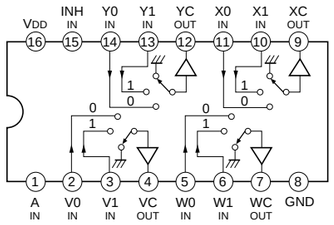
C (1/10) AD9883AKST-140 (IC105)
AD9883AKST-110 (IC105)



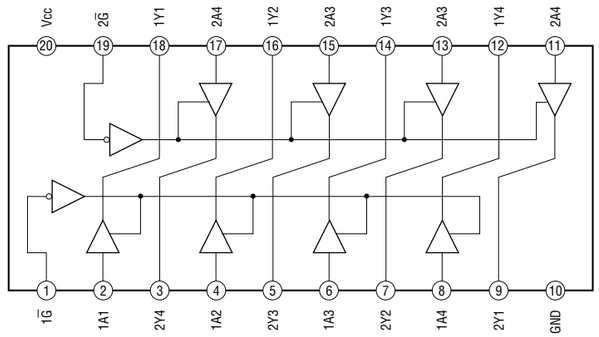
C (1/10) M52347FP-TE (IC102)



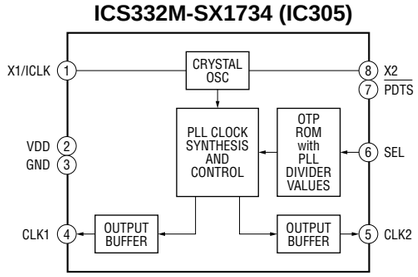
C (2/10) SN74LV157APWR (IC205)



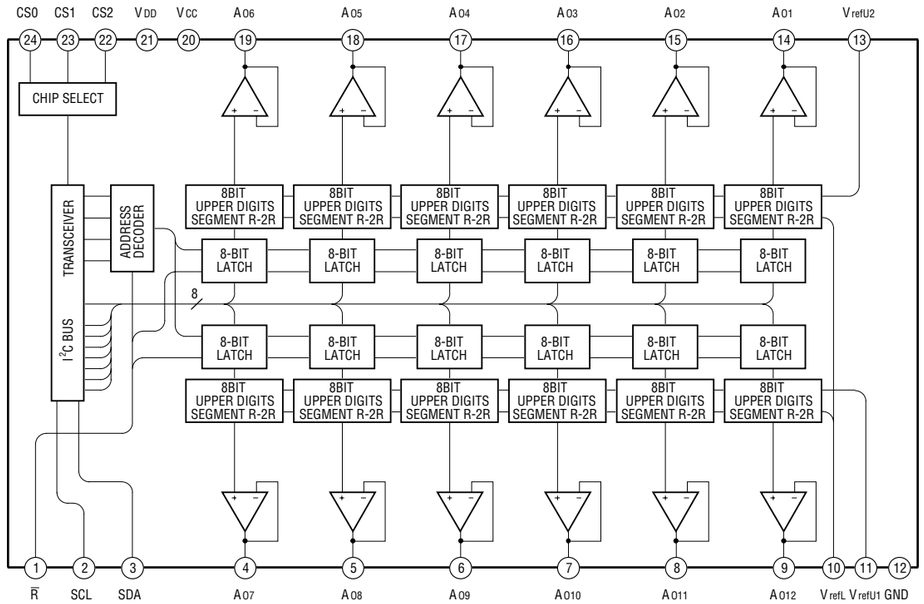
C (2/10) SN74LV244APWR (IC204)



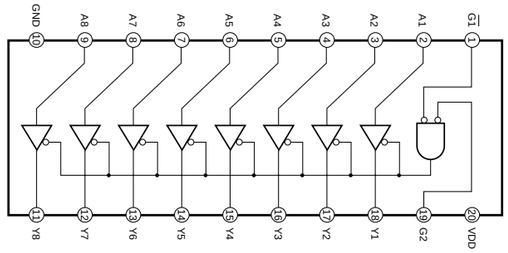
C (3/10) ICS332M-SX1735 (IC305)
ICS332M-SX1734 (IC305)



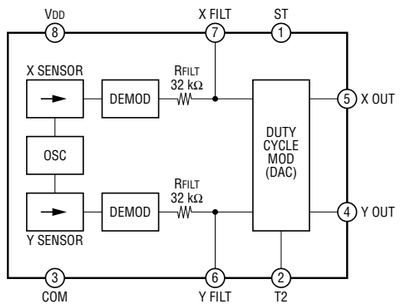
C (4/10) M62392FP (IC471)



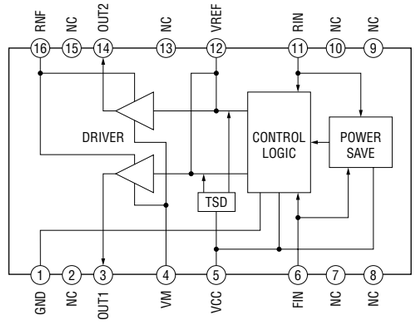
C (4/10) SN74AHCT541PWR (IC450, IC451)



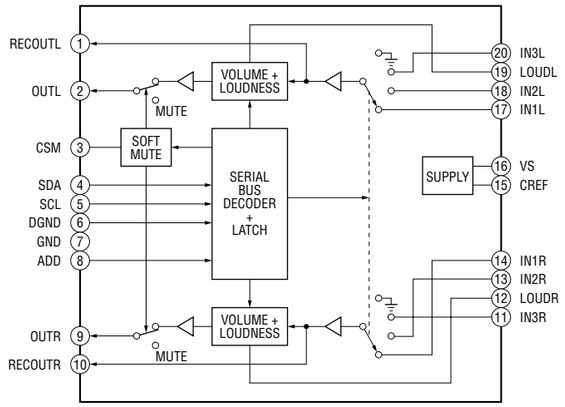
C (10/10) ADXL202JE-REEL (IC1101)



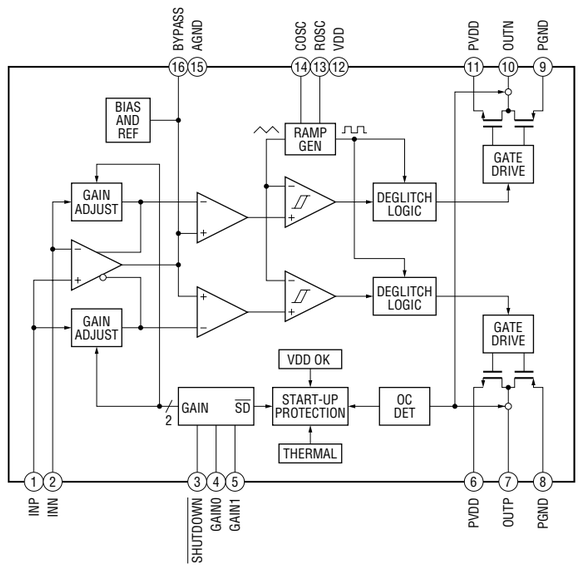
C (10/10) BA6288FS-E2 (IC1105)

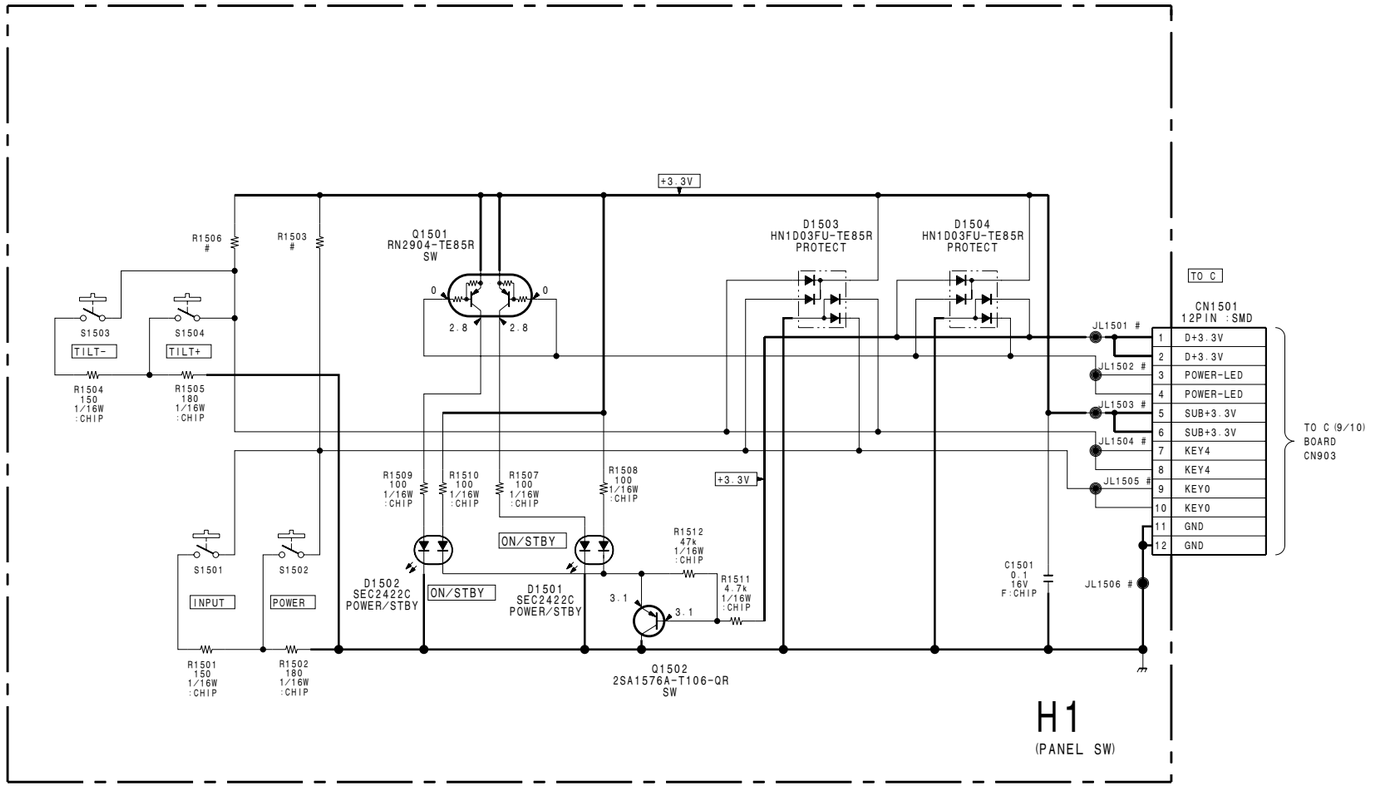


C (10/10) TDA7309D013TR (IC1103)

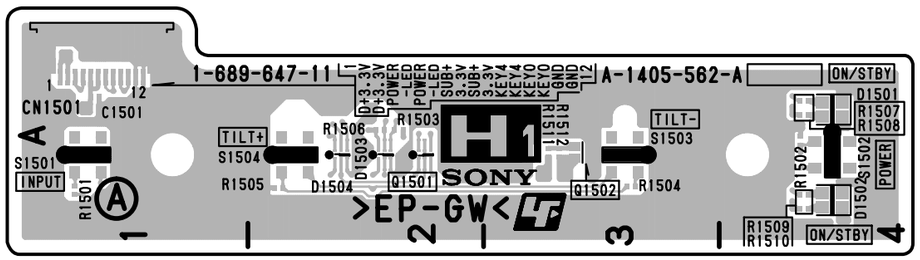


C (10/10) TPA2001D1PWR (IC1106)

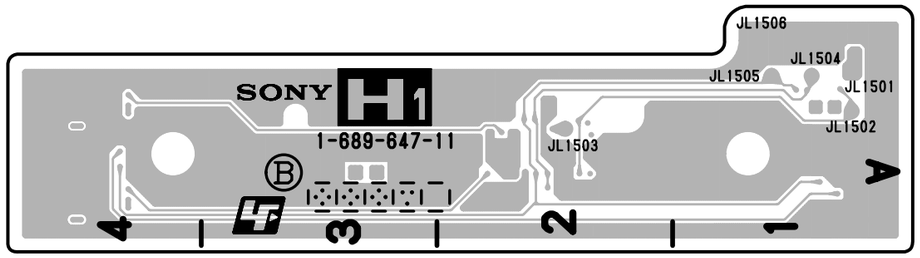




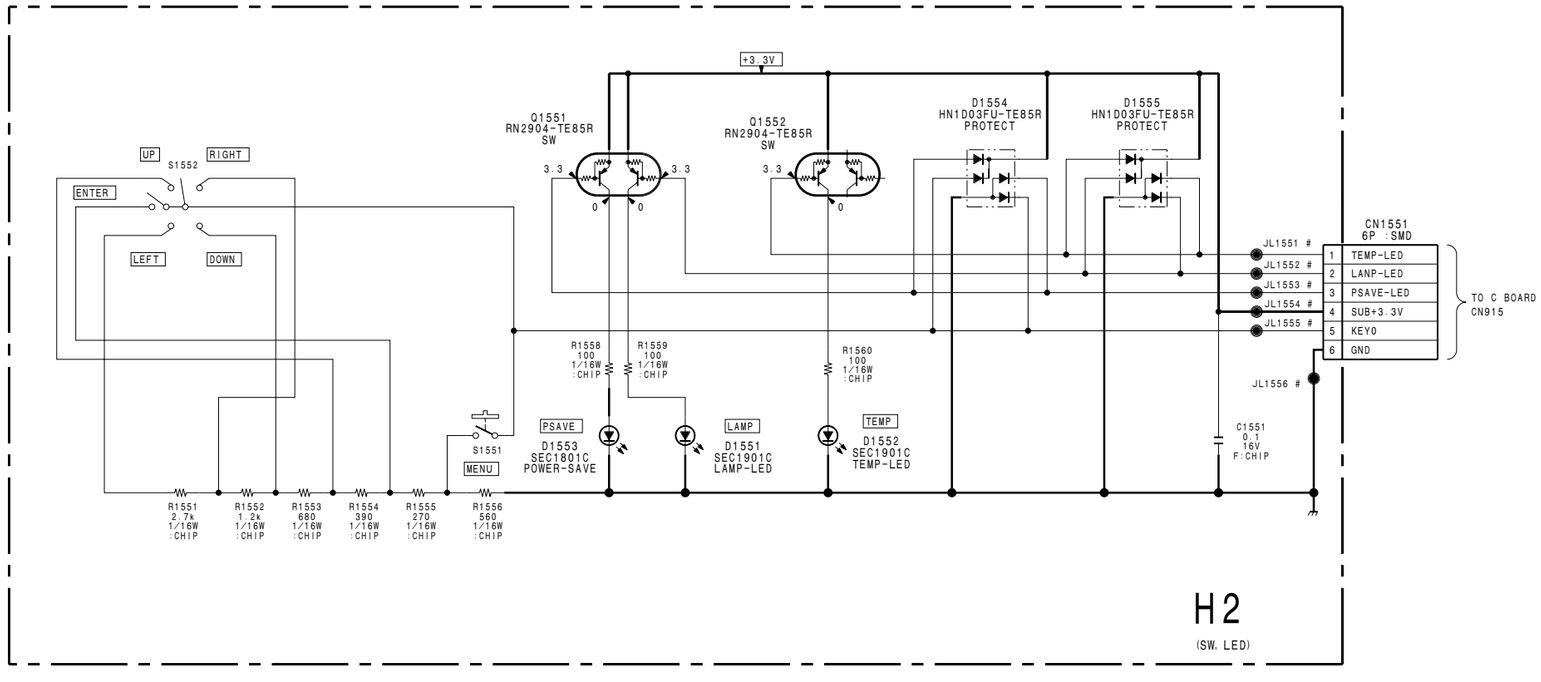
B-SS1752-H1



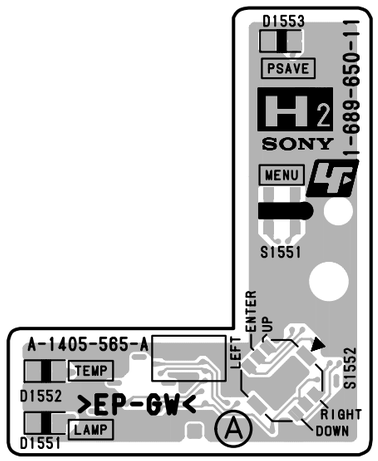
H1 -A SIDE-
SUFFIX: -11



H1 -B SIDE-
SUFFIX: -11

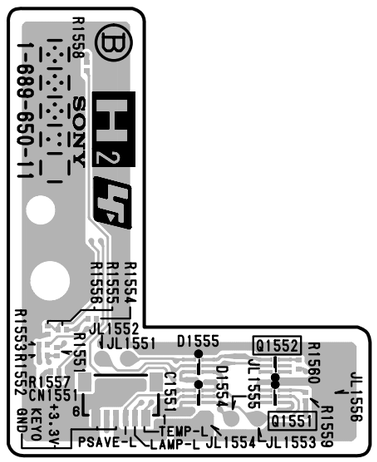


B-SS1752-H2



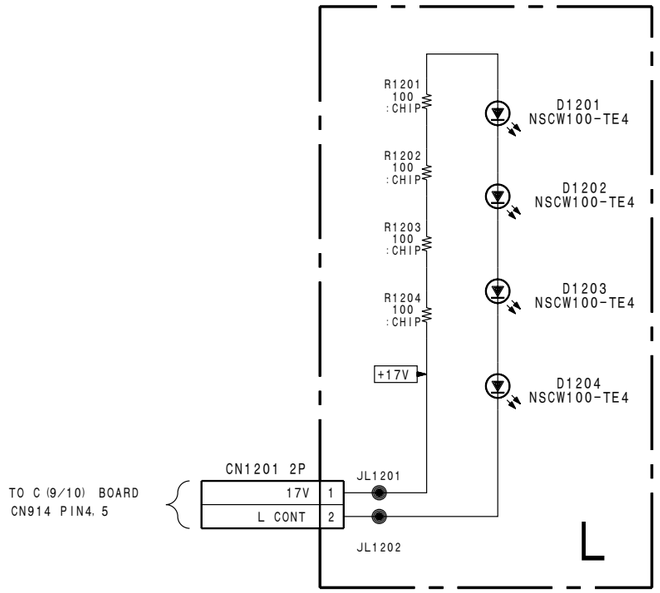
H2 -A SIDE-

SUFFIX: -11

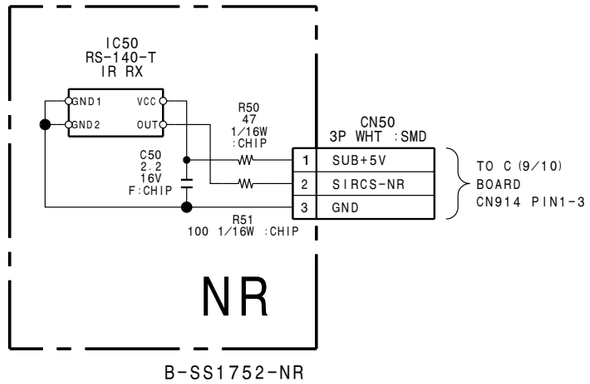


H2 -B SIDE-

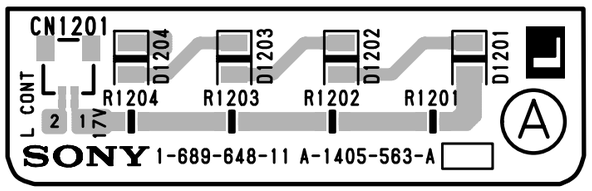
SUFFIX: -11



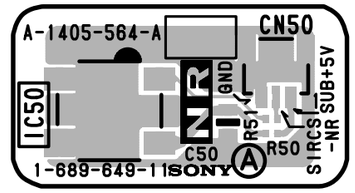
B-SS1752-L



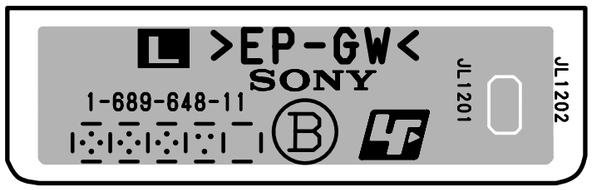
B-SS1752-NR



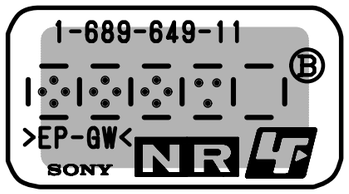
L -A SIDE-
SUFFIX: -11



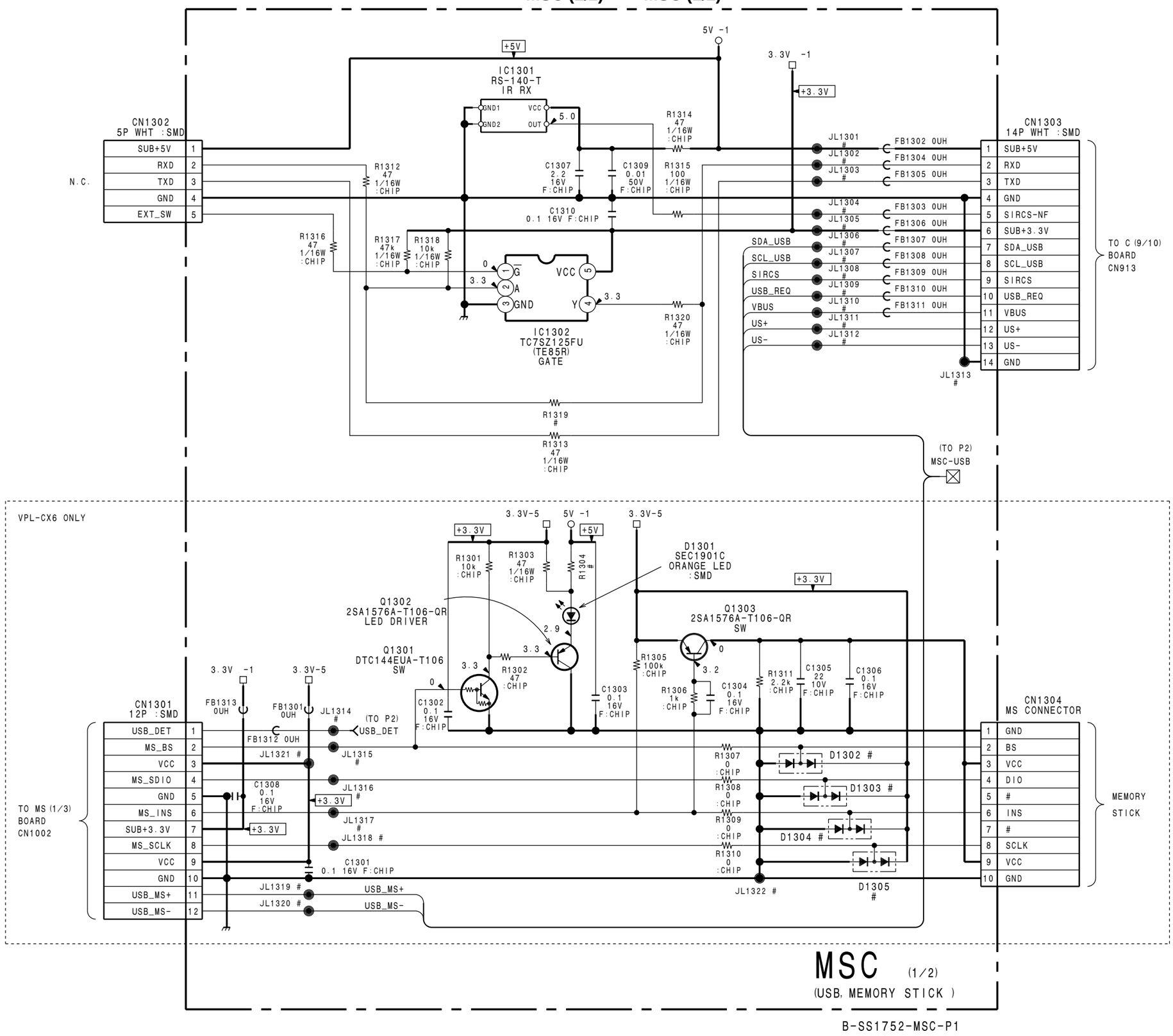
NR -A SIDE-
SUFFIX: -11



L -B SIDE-
SUFFIX: -11



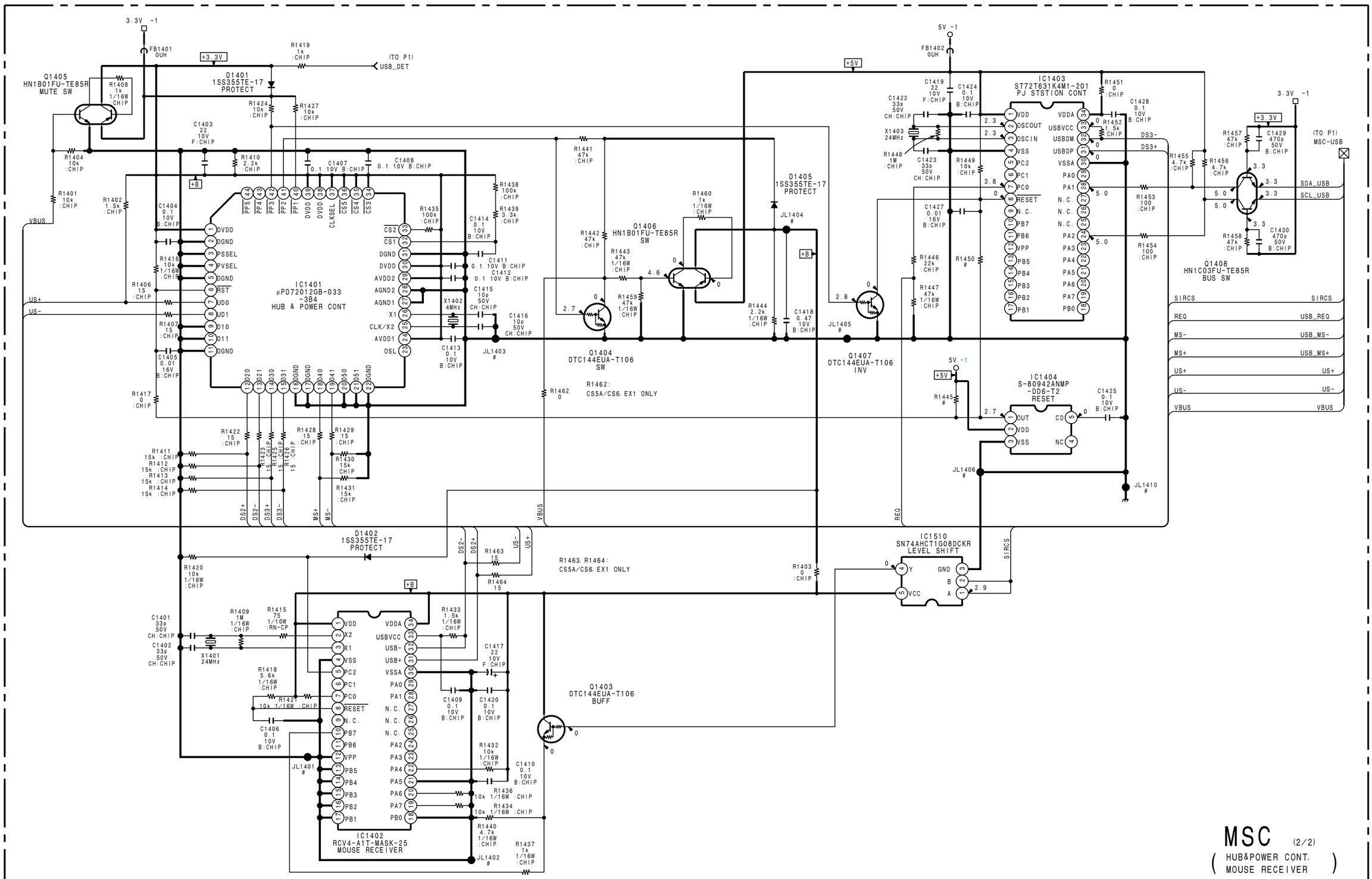
NR -B SIDE-
SUFFIX: -11



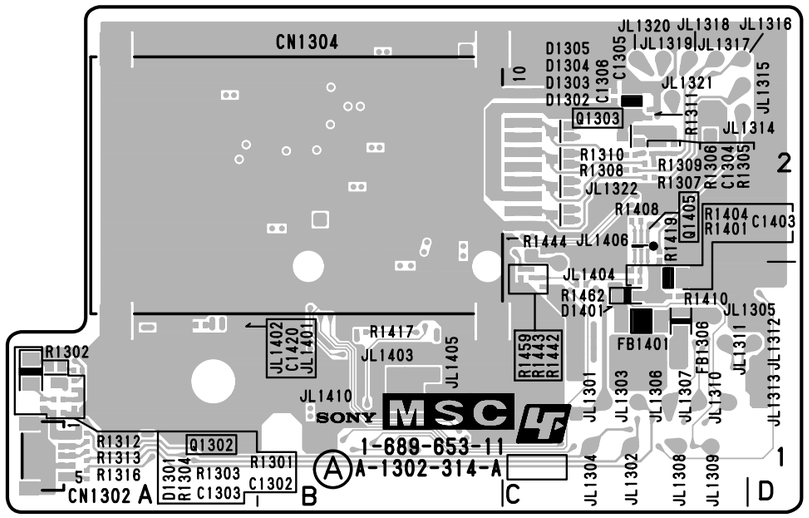
MSC (1/2)

(USB, MEMORY STICK)

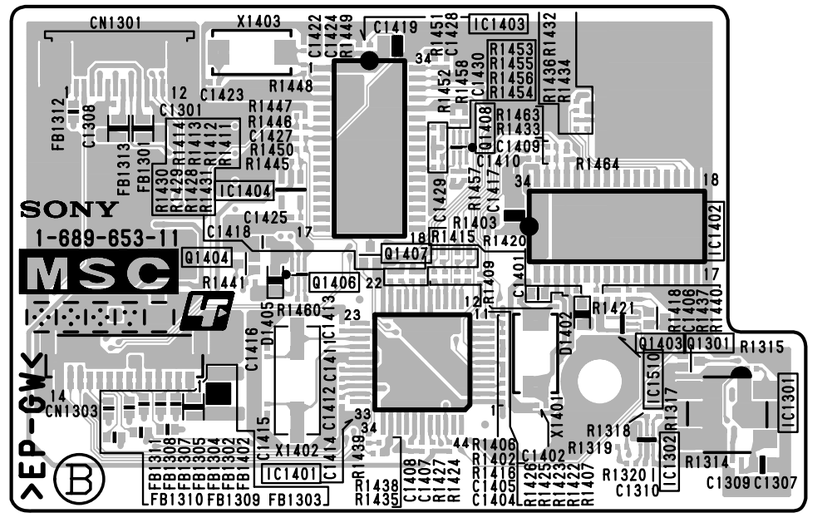
B-SS1752-MSC-P1



B-SS1752-MSC-P2



MSC -A SIDE-
SUFFIX: -11



MSC -B SIDE-
SUFFIX: -11

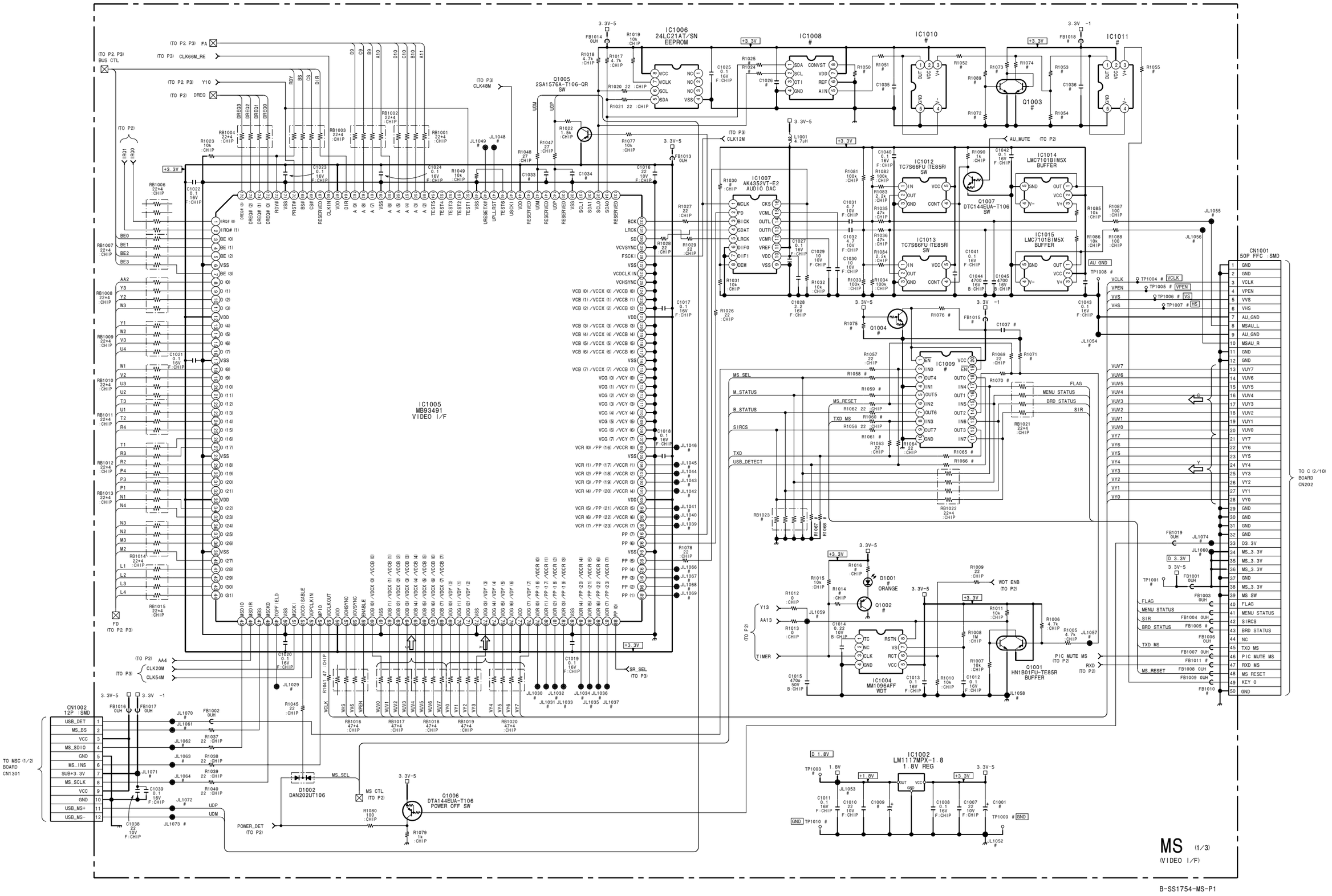
MSC BOARD

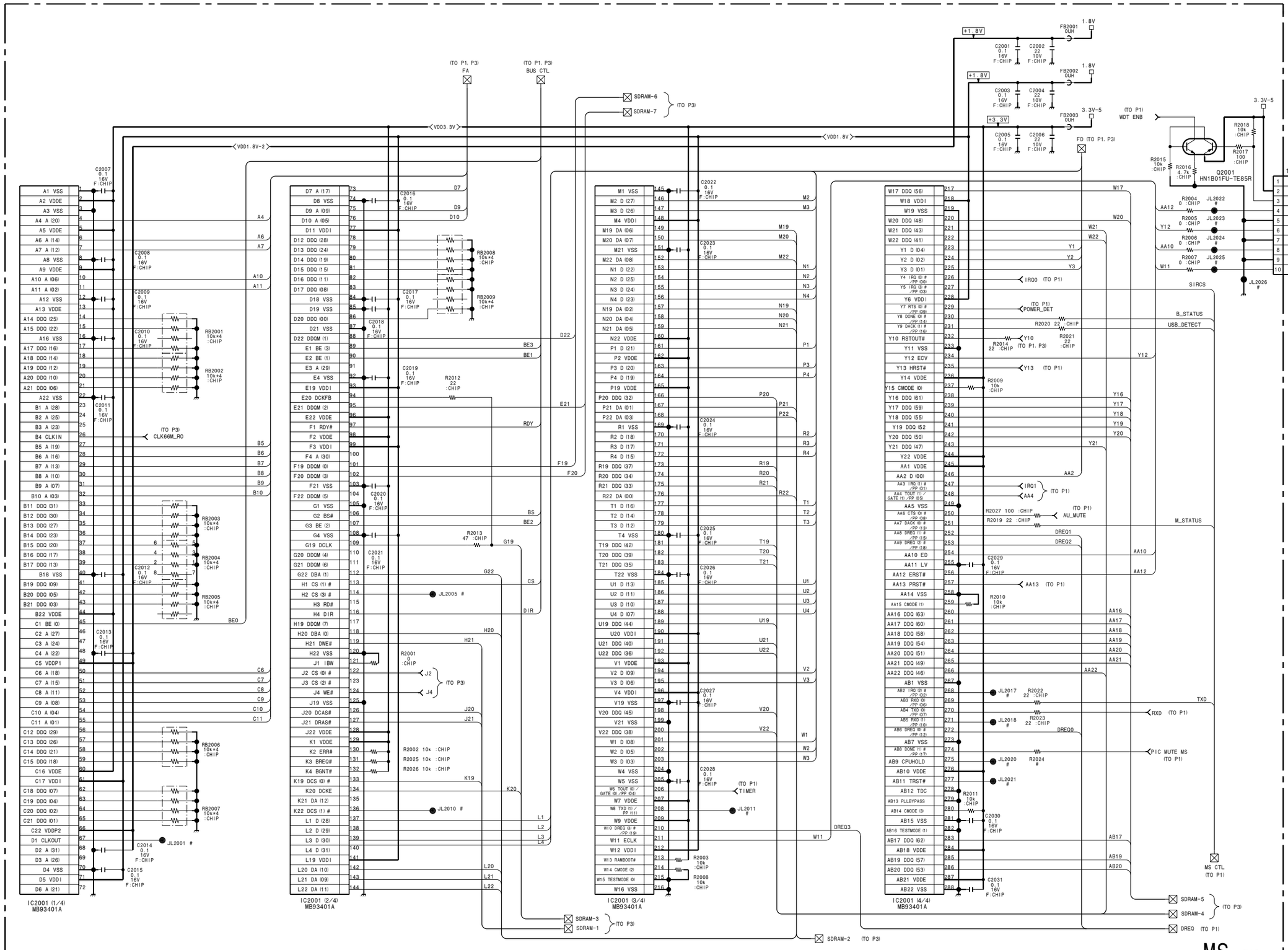
*:B SIDE

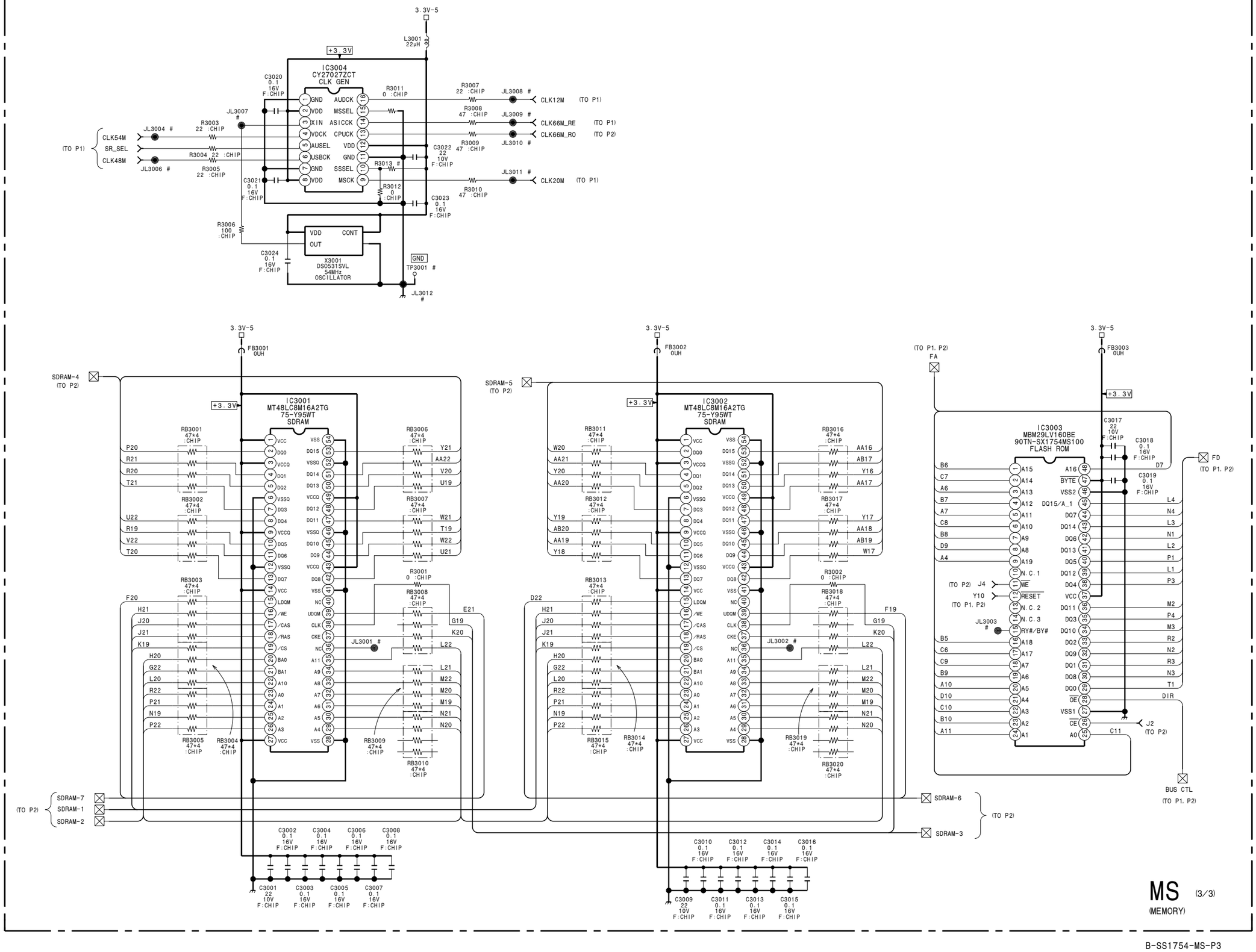
D1301 A-1
D1302 C-2
D1303 C-2
D1304 C-2
D1305 C-2
D1401 C-1
D1402 * B-1
D1405 * C-1

IC1301 * A-1
IC1302 * A-1
IC1401 * B-1
IC1402 * A-2
IC1403 * B-2
IC1404 * C-2
IC1510 * A-1

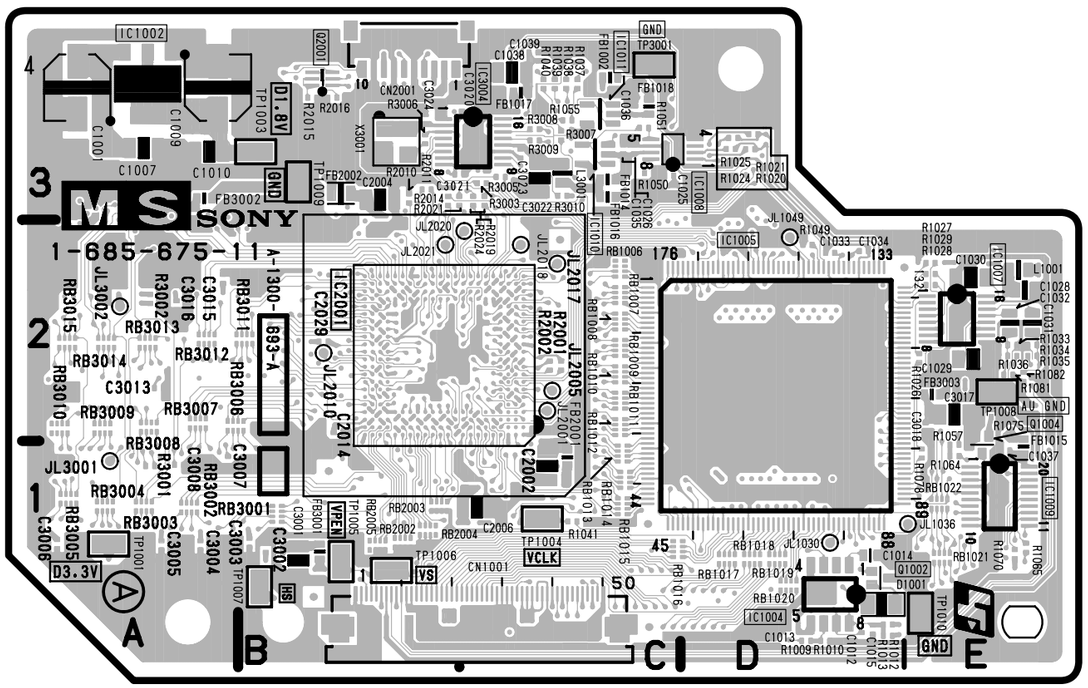
Q1301 * A-1
Q1302 A-1
Q1303 C-2
Q1403 * A-1
Q1404 * C-1
Q1405 C-2
Q1406 * B-1
Q1407 * B-1
Q1408 * B-2

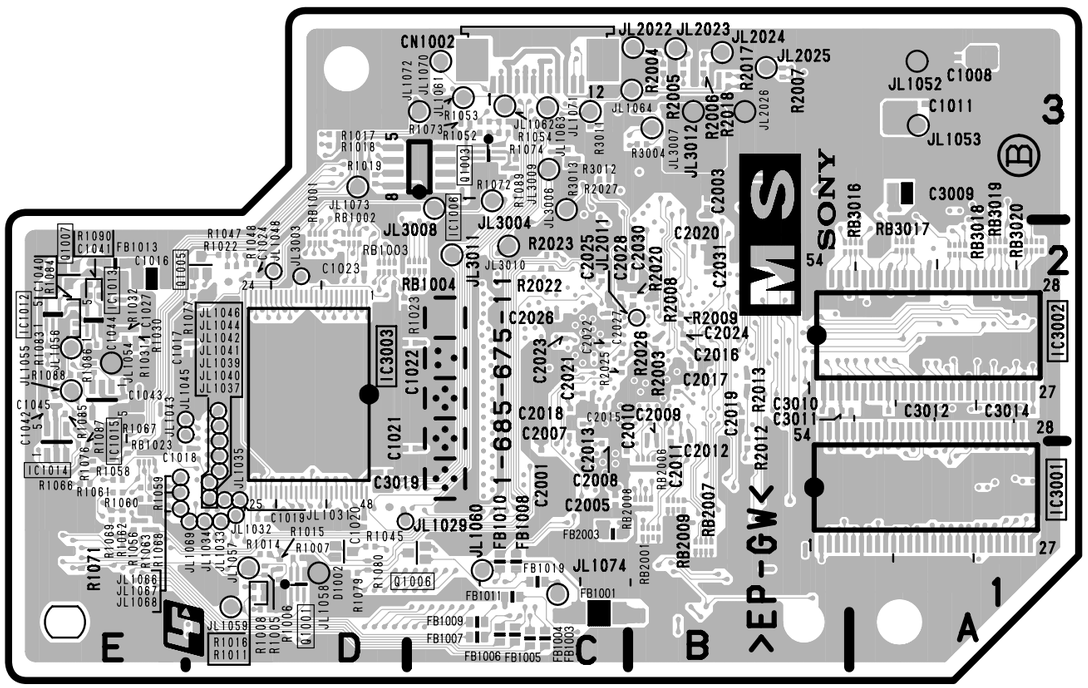

IC1005
MB93491
VIDEO I/F
IC1006
24LC21AT/SN
EEPROM
IC1007
AK4352VT-E2
AUDIO DAC
IC1008
#
IC1009
#
IC1010
#
IC1011
#
IC1012
TC7S66FU (TE85R)
SW
IC1013
TC7S66FU (TE85R)
SW
IC1014
LMC7101BIM5X
BUFFER
IC1015
LMC7101BIM5X
BUFFER
IC1002
LM1117MPX-1.8
1.8V REG
IC1004
MM1096AFF
WDT
Q1005
2SA1576A-T106-QR
SW
Q1003
#
Q1004
#
Q1007
DTC144EUA-T106
SW
Q1001
HN1B01FU-TE85R
BUFFER
Q1002
#
Q1006
DTA144EUA-T106
POWER OFF SW
D1001
#
ORANGE
D1002
DAN202UT106
CN1001
50P FFC :SMD
CN1002
12P :SMD
TO MSC (1/2)
BOARD
CN1301
TO C (2/10)
BOARD
CN202
MS (1/3)
(VIDEO I/F)
B-SS1754-MS-P1


IC2001 (1/4) MB93401A
IC2001 (2/4) MB93401A
IC2001 (3/4) MB93401A
IC2001 (4/4) MB93401A
CN2001 10P WHT :SMD
Q2001 HN1B01FU-TE85R
ICE
(TO P1, P3) FA
(TO P1, P3) BUS CTL
SDRAM-6
SDRAM-7
(TO P3)
VDD3.3V
VDD1.8V-2
VDD1.8V
+1.8V
+3.3V
3.3V-5
1.8V
FD (TO P1, P3)
(TO P1) WDT ENB
(TO P3) CLK66M_RO
JL2001 #
SDRAM-3
SDRAM-1
SDRAM-2
SDRAM-5
SDRAM-4
DREQ (TO P1)
IRQ0 (TO P1)
(TO P1) POWER_DET
Y10 (TO P1, P3)
Y13 (TO P1)
IRQ1
AA4
AA13 (TO P1)
(TO P1) TIMER
(TO P1) AU_MUTE
JL2011 #
JL2010 #
SIRCS
B_STATUS
USB_DETECT
M_STATUS
TXD
RXD (TO P1)
PIC MUTE MS (TO P1)
MS CTL (TO P1)
MS (2/3)
(MICON)
B-SS1754-MS-P2



B-SS1754-MS-P3





MS BOARD

*:B SIDE

D1001 D-1
D1002 *D-1

IC1002 A-3
IC1004 D-1
IC1005 D-2
IC1006 *C-3
IC1007 E-2
IC1008 D-3
IC1009 E-1
IC1010 C-2
IC1011 C-3
IC1012 *E-2
IC1013 *E-2
IC1014 *E-1
IC1015 *E-2
IC2001 B-2
IC3001 *A-1
IC3002 *A-2
IC3003 *D-2
IC3004 C-3

Q1001 *D-1
Q1002 D-1
Q1003 *C-3
Q1004 E-1
Q1005 *D-2
Q1006 *C-1
Q1007 *E-2
Q2001 B-3

TP1001 A-1
TP1003 B-3
TP1004 C-1
TP1005 B-1
TP1006 B-1
TP1007 B-1
TP1008 E-2
TP1009 B-3
TP1010 E-1
TP3001 C-3

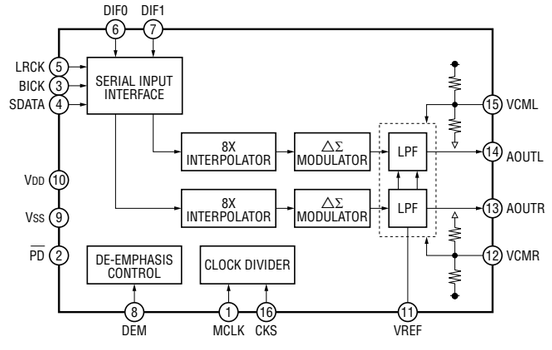
MS -A SIDE-

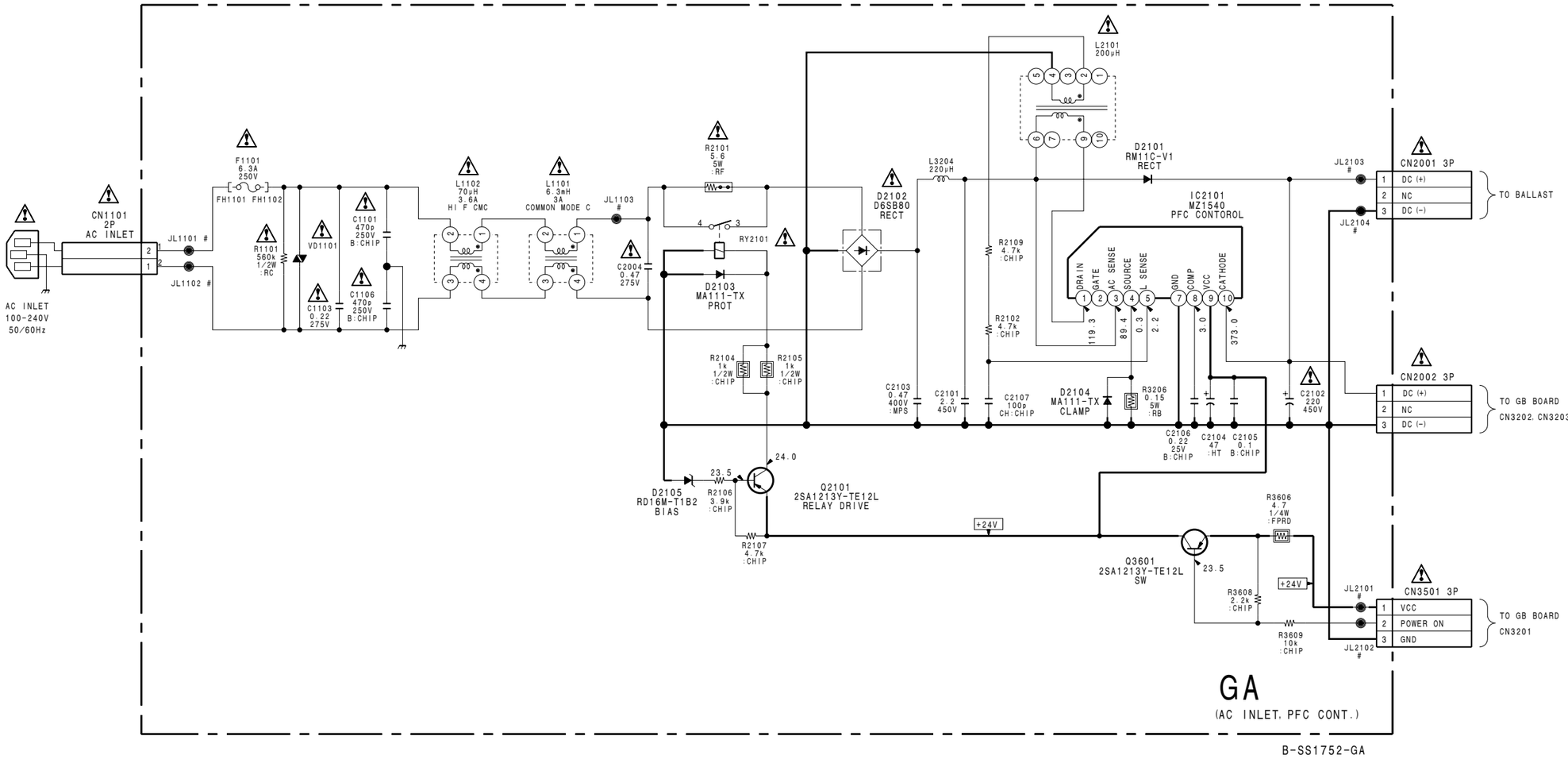
SUFFIX: -11

MS -B SIDE-

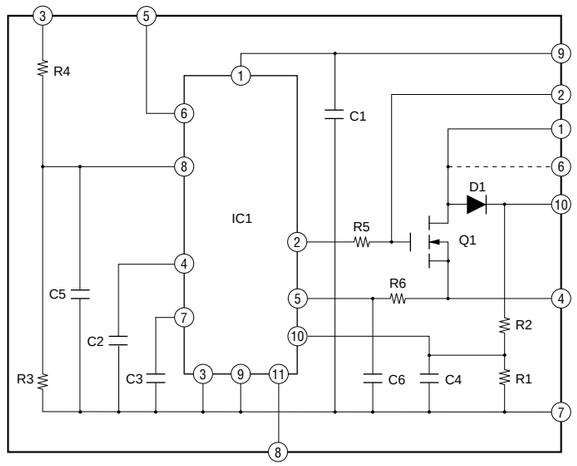
SUFFIX: -11

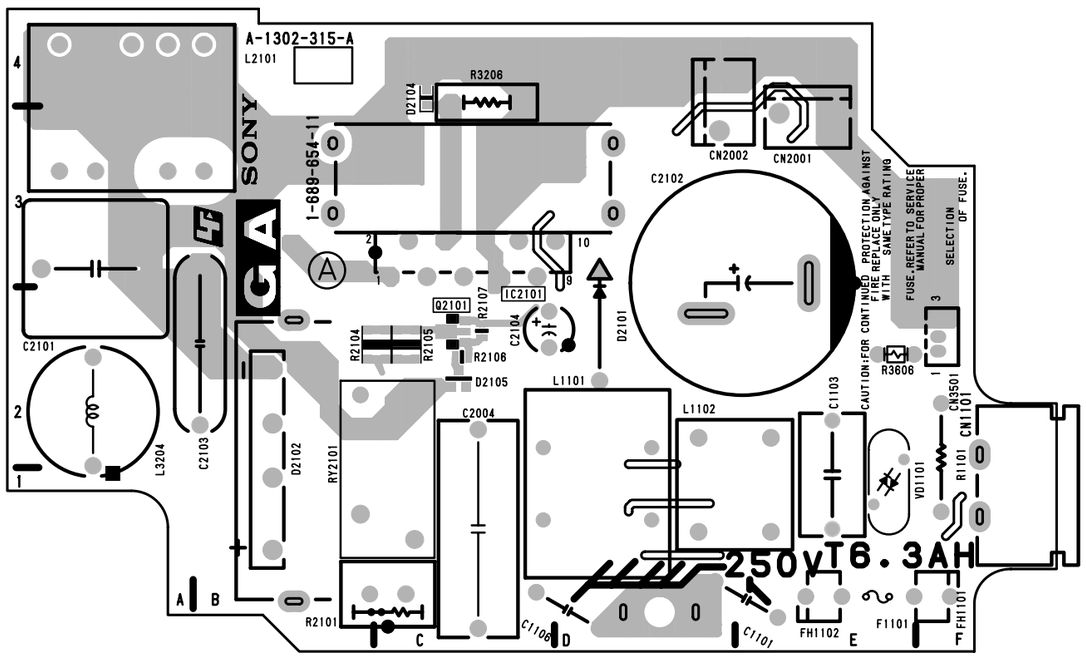
MS (1/3) AK4352VT-E2 (IC1007)





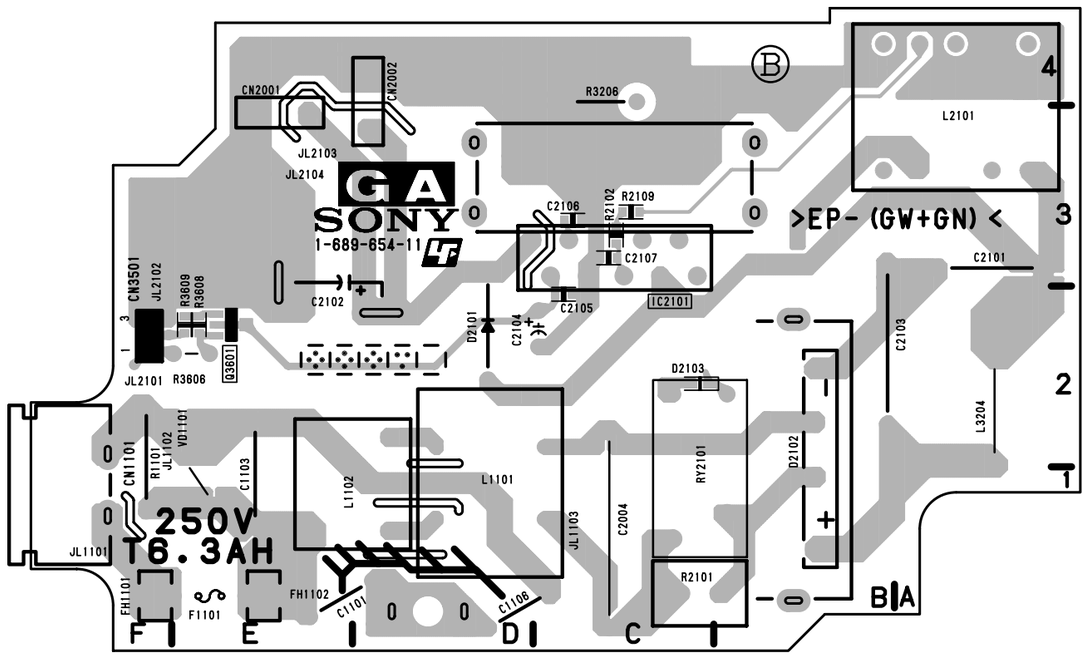
GA MZ1540 (IC2101)





GA -A SIDE-

SUFFIX: -11



GA -B SIDE-

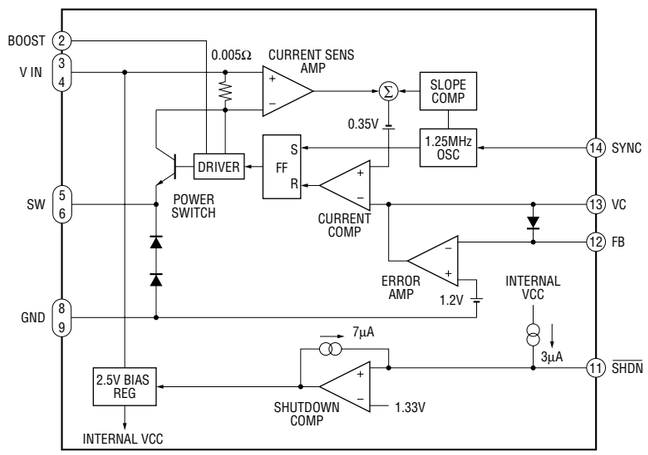
SUFFIX: -11

GA BOARD

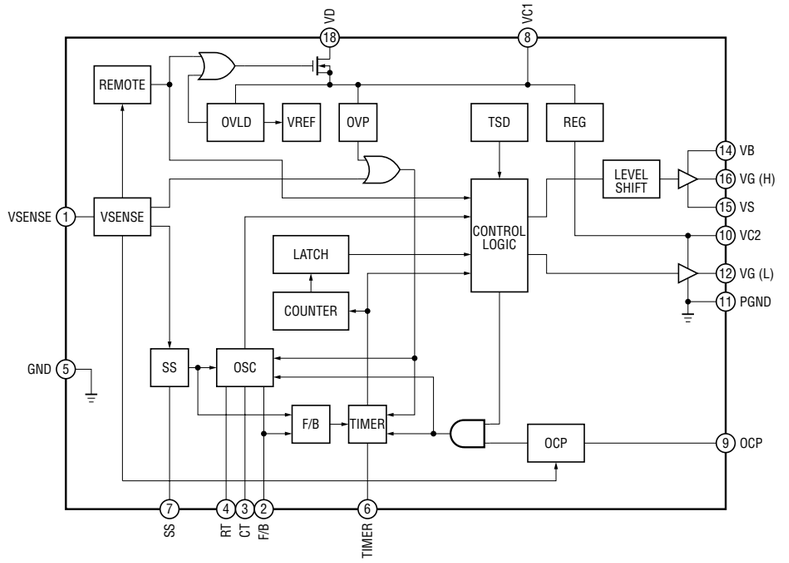
*:B SIDE

D2101		D-2
D2102		B-2
D2103	*	C-2
D2104		C-4
D2105		C-2
IC2101		C-3
Q2101		C-2
Q3601	*	E-2

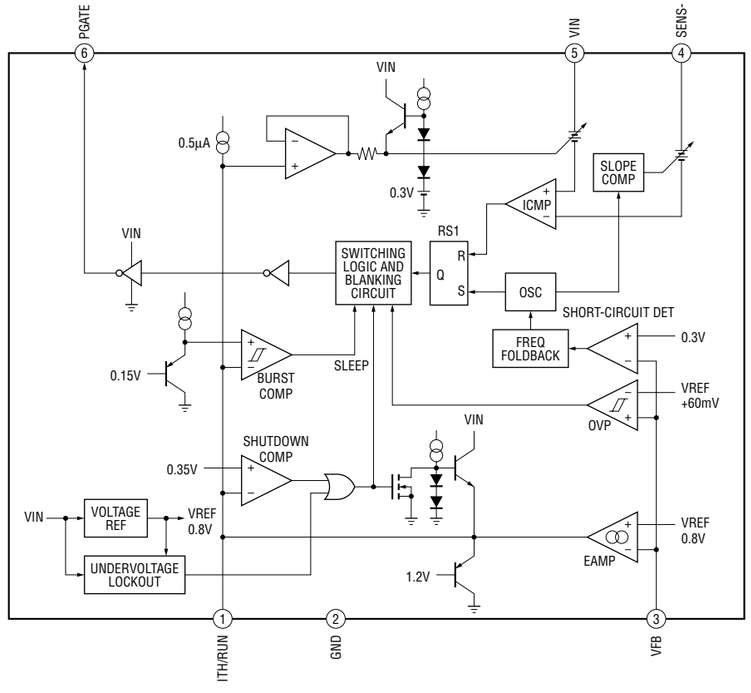
GB LT1765EFE (IC3201)



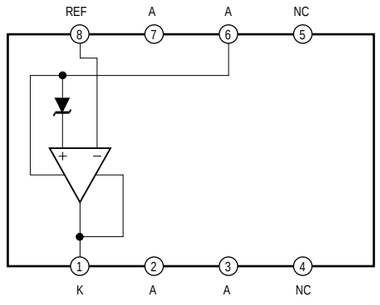
GB MCZ3001D (IC3100)

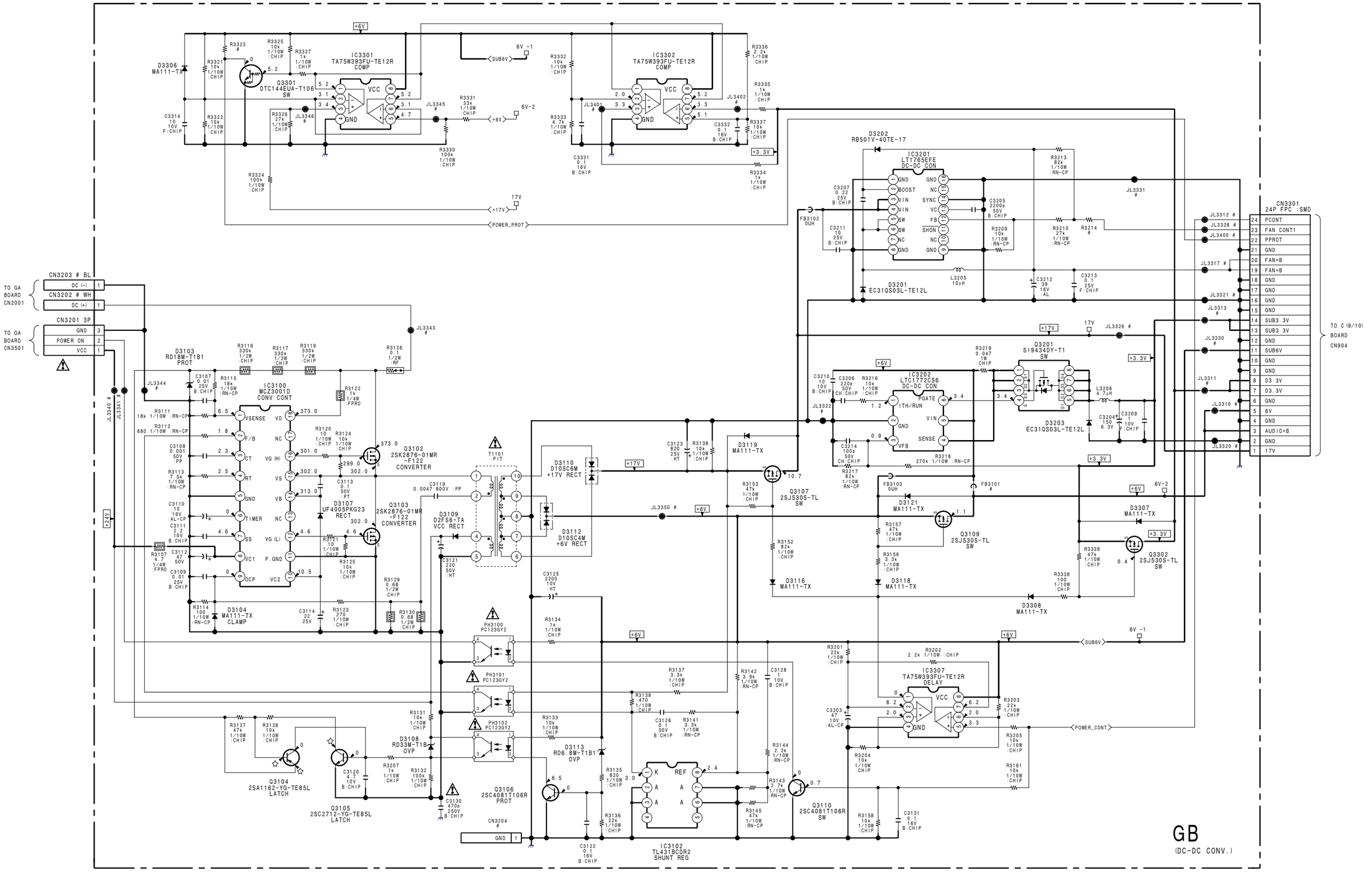


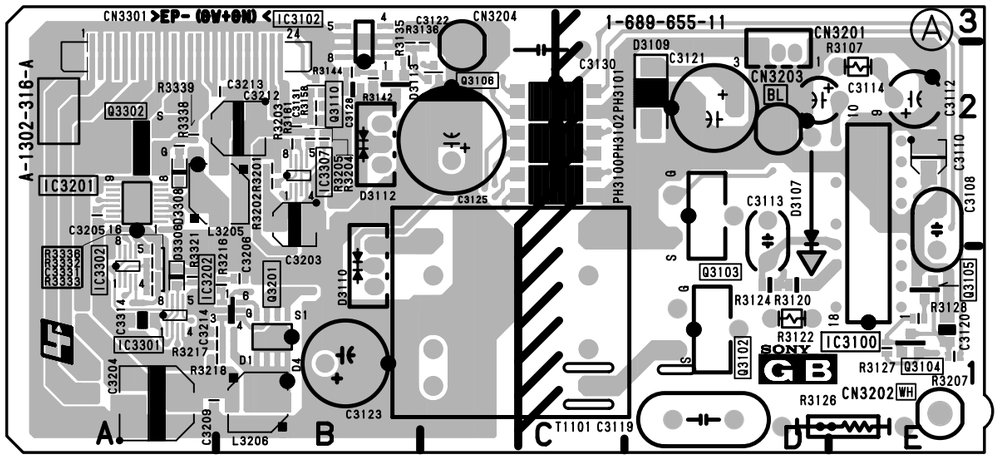
GB LTC1772CS6 (IC3202)



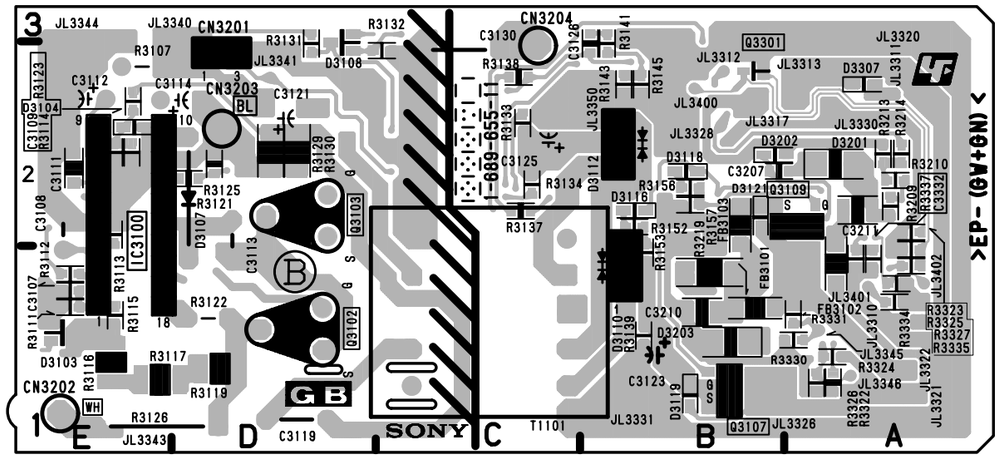
GB TL431BCDR2 (IC3102)




IC3301 TA75W393FU-TE12R COMP
IC3302 TA75W393FU-TE12R COMP
Q3301 DTC144EUA-T106 SW
D3306 MA111-TX
D3202 RB501V-40TE-17
IC3201 LT1765EFE DC-DC CON
D3201 EC31QS03L-TE12L
IC3202 LTC1772CS6 DC-DC CON
Q3201 SI9434DY-T1 SW
D3203 EC31QS03L-TE12L
CN3301 24P FPC :SMD
TO C (9/10) BOARD CN904
CN3203 # BL
CN3202 # WH
TO GA BOARD CN2001
CN3201 3P
GND
POWER ON
VCC
TO GA BOARD CN3501
D3103 RD18M-T1B1 PROT
IC3100 MCZ3001D CONV CONT
Q3102 2SK2876-01MR -F122 CONVERTER
Q3103 2SK2876-01MR -F122 CONVERTER
D3107 UF4005PKG23 RECT
D3109 D2FS6-TA VCC RECT
D3110 D10SC6M +17V RECT
D3112 D10SC4M +6V RECT
T1101 :PIT
D3104 MA111-TX CLAMP
D3108 RD33M-T1B OVP
D3113 RD6.8M-T1B1 OVP
PH3100 PC123GY2
PH3101 PC123GY2
PH3102 PC123GY2
Q3104 2SA1162-YG-TE85L LATCH
Q3105 2SC2712-YG-TE85L LATCH
Q3106 2SC4081T106R PROT
IC3102 TL431BCDR2 SHUNT REG
Q3107 2SJ530S-TL SW
Q3109 2SJ530S-TL SW
Q3110 2SC4081T106R SW
D3116 MA111-TX
D3118 MA111-TX
D3121 MA111-TX
D3307 MA111-TX
D3308 MA111-TX
Q3302 2SJ530S-TL SW
IC3307 TA75W393FU-TE12R DELAY
CN3204 #
GND
+6V
+3.3V
+17V
17V
6V -1
6V -2
SUB6V
+24V
POWER_PROT
POWER_CONT
GB
(DC-DC CONV.)
B-SS1752-GB



GB -A SIDE-
SUFFIX: -11



GB -B SIDE-
SUFFIX: -11

GB BOARD
*:B SIDE

D3103	*	E-1
D3104	*	E-2
D3107		D-2
D3108	*	D-2
D3109		D-2
D3110		B-1
D3112		B-2
D3113		B-2
D3116	*	B-2
D3118	*	B-2
D3119	*	B-1
D3121	*	B-2
D3201	*	A-2
D3202	*	B-2
D3203	*	B-1
D3306		A-1
D3307	*	A-2
D3308		A-2
IC3100		E-1
IC3102		B-3
IC3201		A-2
IC3202		B-1
IC3301		A-1
IC3302		A-1
IC3307		B-2
Q3102		D-1
Q3103		D-2
Q3104		E-1
Q3105		E-1
Q3106		C-2
Q3107	*	B-1
Q3109	*	A-2
Q3110		B-2
Q3201		B-1
Q3301	*	B-2
Q3302		A-2

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

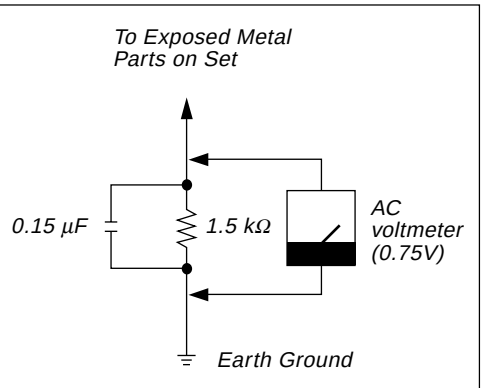


Fig A. Using an AC voltmeter to check AC leakage.

VPL-CS5A (U)
VPL-CS6 (SY)
VPL-CX6 (SY)
VPL-EX1 (SY) E
9-870-363-01

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B&P Company

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